



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

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Finalized Date: 27-AUG-2012  
Account: ROCKHA

**CERTIFICATE WH12186248**

Project: Klaza  
P.O. No.: Batch 1  
This report is for 210 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51501		0.19	0.019	1.1	1.43	67	<10	190	<0.5	5	0.28	0.6	9	17	28	2.50
ZZ51502		0.30	0.135	0.7	1.27	80	<10	140	<0.5	9	0.29	0.6	7	19	36	2.96
ZZ51503		0.21	0.016	0.5	1.64	73	<10	270	<0.5	4	0.43	0.5	7	25	36	2.76
ZZ51504		0.31	0.028	1.5	1.49	95	<10	300	0.5	7	0.37	1.0	6	21	55	2.87
ZZ51505		0.26	0.017	1.3	1.29	65	<10	300	<0.5	3	0.32	0.5	5	16	42	2.41
ZZ51506		0.27	0.017	0.3	1.05	54	<10	150	<0.5	3	0.25	<0.5	6	19	15	2.19
ZZ51507		0.30	0.080	3.3	2.03	403	<10	420	0.8	10	0.63	4.0	11	22	77	4.38
ZZ51508		0.24	0.031	1.0	0.96	192	<10	180	<0.5	3	0.29	2.1	6	15	20	2.46
ZZ51509		0.19	0.038	2.8	1.72	75	<10	260	<0.5	3	0.54	1.7	6	20	23	2.37
ZZ51510		0.16	0.007	<0.2	1.13	12	<10	250	<0.5	<2	0.45	0.6	5	20	19	1.57
ZZ51511		0.25	0.007	0.4	1.23	22	<10	200	<0.5	<2	0.40	0.5	5	21	23	1.90
ZZ51512		0.24	0.005	0.3	1.32	10	<10	200	<0.5	2	0.45	0.5	4	22	28	1.71
ZZ51513		0.23	0.020	1.3	1.75	28	<10	280	0.6	2	0.55	1.5	6	23	61	2.36
ZZ51514		0.19	0.030	0.4	2.29	32	<10	420	0.6	<2	0.40	<0.5	9	31	35	2.92
ZZ51515		0.26	0.016	1.4	1.91	20	<10	490	0.6	<2	0.63	0.9	9	28	56	2.54
ZZ51516		0.32	0.010	0.4	1.69	22	<10	300	<0.5	<2	0.36	<0.5	7	26	17	2.21
ZZ51517		0.25	0.024	0.6	1.34	41	<10	300	0.5	<2	0.44	0.6	7	19	31	2.04
ZZ51518		0.21	0.012	1.3	1.39	22	<10	380	0.5	2	0.62	<0.5	6	19	31	2.13
ZZ51519		0.18	<0.005	0.5	1.03	13	<10	100	<0.5	<2	0.15	0.8	6	16	10	1.92
ZZ51520		0.25	<0.005	0.2	1.36	15	<10	250	<0.5	<2	0.27	<0.5	7	26	18	1.85
ZZ51521		0.25	0.006	1.2	2.00	43	<10	190	<0.5	<2	0.15	0.7	9	25	16	2.44
ZZ51522		0.19	<0.005	0.8	1.76	24	<10	160	<0.5	2	0.21	0.5	6	23	11	2.80
ZZ51523		0.25	<0.005	0.4	2.32	29	<10	210	<0.5	2	0.25	<0.5	8	38	15	2.88
ZZ51524		0.28	0.005	0.8	2.12	54	<10	180	<0.5	2	0.17	0.6	10	25	18	2.73
ZZ51525		0.20	<0.005	0.4	1.93	15	<10	140	<0.5	<2	0.19	<0.5	8	28	16	2.65
ZZ51526		0.27	0.005	0.3	2.10	17	<10	170	0.5	<2	0.22	<0.5	7	27	18	2.44
ZZ51527		0.27	<0.005	0.7	1.73	14	<10	210	<0.5	<2	0.32	<0.5	6	29	9	2.40
ZZ51528		0.28	<0.005	0.2	2.71	12	<10	200	0.5	2	0.30	<0.5	9	43	19	3.34
ZZ51529		0.19	<0.005	0.2	1.45	10	<10	140	<0.5	2	0.19	0.5	7	25	12	2.45
ZZ51530		0.20	<0.005	0.2	1.45	15	<10	140	<0.5	2	0.23	<0.5	7	23	10	2.24
ZZ51531		0.19	<0.005	1.1	1.62	14	<10	220	<0.5	<2	0.27	0.8	7	28	11	2.62
ZZ51532		0.21	<0.005	0.9	1.42	11	<10	170	<0.5	<2	0.21	0.5	7	23	15	2.12
ZZ51533		0.21	0.005	0.3	1.07	18	<10	190	<0.5	<2	0.31	<0.5	4	17	11	1.62
ZZ51534		0.26	0.008	1.0	1.45	32	<10	220	<0.5	<2	0.59	<0.5	5	23	29	2.09
ZZ51535		0.21	0.014	1.1	1.05	33	<10	180	<0.5	<2	0.41	0.8	4	19	24	1.83
ZZ51536		0.29	0.015	0.4	1.38	30	<10	290	<0.5	2	0.43	<0.5	5	24	26	2.10
ZZ51537		0.32	0.030	0.8	1.23	21	<10	250	0.5	<2	0.41	0.6	5	19	42	2.01
ZZ51538		0.33	0.018	0.5	0.94	23	<10	210	<0.5	<2	0.34	0.5	4	19	22	1.79
ZZ51539		0.13	0.024	1.2	2.55	26	<10	400	0.7	<2	0.62	<0.5	7	33	43	3.06
ZZ51540		0.25	0.010	0.4	1.25	13	<10	210	<0.5	<2	0.44	0.5	5	23	21	1.77



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51501		10	<1	0.07	10	0.32	376	2	0.03	8	600	47	0.05	2	2	30
ZZ51502		<10	<1	0.08	10	0.43	380	2	0.02	9	350	42	0.05	<2	3	34
ZZ51503		10	<1	0.08	10	0.49	290	1	0.02	13	390	25	0.03	2	3	39
ZZ51504		<10	<1	0.08	20	0.42	351	4	0.02	10	400	103	0.04	2	3	41
ZZ51505		<10	<1	0.08	10	0.24	225	5	0.03	8	530	29	0.04	2	2	36
ZZ51506		<10	<1	0.06	10	0.35	363	6	0.02	7	310	18	0.02	<2	2	23
ZZ51507		10	<1	0.14	20	0.41	779	5	0.02	13	930	109	0.10	9	5	80
ZZ51508		<10	<1	0.06	10	0.30	525	2	0.02	7	520	42	0.03	3	3	26
ZZ51509		<10	<1	0.10	10	0.32	648	1	0.03	9	790	63	0.06	3	4	51
ZZ51510		<10	<1	0.11	10	0.31	248	<1	0.03	8	570	28	0.04	2	4	32
ZZ51511		<10	<1	0.08	10	0.38	362	1	0.02	9	340	49	0.03	<2	3	32
ZZ51512		<10	<1	0.08	10	0.39	238	<1	0.03	10	570	16	0.05	<2	3	37
ZZ51513		<10	<1	0.11	10	0.36	452	1	0.03	10	480	39	0.04	<2	4	47
ZZ51514		10	<1	0.12	10	0.51	604	1	0.02	14	350	25	0.03	<2	4	37
ZZ51515		10	<1	0.10	20	0.41	705	1	0.03	11	430	44	0.04	2	4	55
ZZ51516		10	<1	0.08	10	0.47	437	<1	0.02	10	270	25	0.02	<2	3	28
ZZ51517		<10	<1	0.10	10	0.36	381	<1	0.03	10	440	43	0.03	2	3	33
ZZ51518		<10	<1	0.09	10	0.32	529	1	0.04	10	700	42	0.05	3	3	44
ZZ51519		10	<1	0.09	<10	0.25	505	1	0.03	6	280	28	0.02	<2	2	18
ZZ51520		<10	<1	0.07	20	0.33	536	<1	0.02	10	390	16	0.03	<2	2	29
ZZ51521		10	<1	0.09	10	0.40	569	<1	0.02	16	330	47	0.02	2	3	16
ZZ51522		10	<1	0.07	10	0.31	423	1	0.02	8	360	25	0.02	<2	3	22
ZZ51523		10	<1	0.09	10	0.58	403	<1	0.02	16	430	15	0.02	2	4	23
ZZ51524		<10	<1	0.10	10	0.41	489	1	0.02	15	330	41	0.02	3	3	18
ZZ51525		10	<1	0.07	10	0.40	608	<1	0.02	12	520	11	0.03	<2	3	21
ZZ51526		10	<1	0.08	10	0.50	283	1	0.02	15	360	13	0.02	<2	4	22
ZZ51527		10	<1	0.06	10	0.46	446	<1	0.03	9	240	12	0.02	<2	3	29
ZZ51528		10	<1	0.13	10	0.76	339	1	0.02	22	430	9	0.03	<2	4	33
ZZ51529		10	<1	0.13	10	0.39	327	1	0.02	11	470	15	0.02	<2	2	19
ZZ51530		<10	<1	0.10	10	0.41	358	1	0.02	11	350	20	0.02	<2	3	21
ZZ51531		10	<1	0.10	10	0.43	980	<1	0.02	11	350	35	0.02	<2	3	29
ZZ51532		10	<1	0.08	10	0.37	670	1	0.03	10	250	20	0.02	<2	3	23
ZZ51533		<10	<1	0.07	10	0.34	389	1	0.02	7	370	19	0.02	<2	2	24
ZZ51534		<10	<1	0.08	10	0.41	318	<1	0.02	10	470	30	0.04	<2	3	47
ZZ51535		<10	<1	0.08	10	0.35	355	<1	0.03	8	330	55	0.03	2	3	33
ZZ51536		<10	<1	0.09	10	0.44	324	<1	0.03	12	360	31	0.03	<2	4	34
ZZ51537		<10	<1	0.08	10	0.32	392	<1	0.02	15	460	47	0.02	<2	3	32
ZZ51538		<10	<1	0.07	10	0.33	264	<1	0.02	10	340	27	<0.01	<2	3	25
ZZ51539		10	1	0.12	10	0.49	369	<1	0.02	17	830	45	0.04	<2	6	51
ZZ51540		<10	<1	0.07	10	0.43	286	<1	0.02	13	500	24	0.01	<2	4	30



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51501		<20	0.05	<10	<10	52	<10	74
ZZ51502		<20	0.06	<10	<10	47	<10	84
ZZ51503		<20	0.06	<10	<10	51	<10	59
ZZ51504		<20	0.04	<10	<10	47	<10	95
ZZ51505		<20	0.04	<10	<10	51	<10	62
ZZ51506		<20	0.05	<10	<10	41	<10	59
ZZ51507		<20	0.02	<10	<10	48	<10	349
ZZ51508		<20	0.04	<10	<10	35	<10	204
ZZ51509		<20	0.04	<10	<10	44	<10	155
ZZ51510		<20	0.06	<10	<10	47	<10	82
ZZ51511		<20	0.05	<10	<10	37	<10	107
ZZ51512		<20	0.05	<10	<10	35	<10	80
ZZ51513		<20	0.04	<10	<10	42	<10	247
ZZ51514		<20	0.03	<10	<10	56	<10	116
ZZ51515		<20	0.06	<10	<10	57	<10	116
ZZ51516		<20	0.06	<10	<10	49	<10	83
ZZ51517		<20	0.03	<10	<10	37	<10	141
ZZ51518		<20	0.04	<10	<10	42	<10	93
ZZ51519		<20	0.07	<10	<10	51	<10	88
ZZ51520		<20	0.05	<10	<10	44	<10	52
ZZ51521		<20	0.06	<10	<10	48	<10	107
ZZ51522		<20	0.05	<10	<10	57	<10	77
ZZ51523		<20	0.10	<10	<10	69	<10	65
ZZ51524		<20	0.04	<10	<10	47	<10	95
ZZ51525		<20	0.08	<10	<10	61	<10	63
ZZ51526		<20	0.07	<10	<10	52	<10	55
ZZ51527		<20	0.09	<10	<10	62	<10	91
ZZ51528		<20	0.11	<10	<10	79	<10	75
ZZ51529		<20	0.08	<10	<10	58	<10	76
ZZ51530		<20	0.07	<10	<10	50	<10	80
ZZ51531		<20	0.08	<10	<10	62	<10	165
ZZ51532		<20	0.07	<10	<10	50	<10	99
ZZ51533		<20	0.05	<10	<10	34	<10	59
ZZ51534		<20	0.04	<10	<10	41	<10	90
ZZ51535		<20	0.05	<10	<10	35	<10	114
ZZ51536		<20	0.06	<10	<10	42	<10	92
ZZ51537		<20	0.05	<10	<10	40	<10	102
ZZ51538		<20	0.05	<10	<10	35	<10	96
ZZ51539		<20	0.04	<10	<10	54	<10	168
ZZ51540		<20	0.07	<10	<10	41	<10	83

[illegible]



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51541		<20	0.06	<10	<10	37	<10	71
ZZ51542		<20	0.06	<10	<10	45	<10	99
ZZ51543		<20	0.06	<10	<10	50	<10	112
ZZ51544		<20	0.03	<10	<10	47	<10	128
ZZ51545		<20	0.05	<10	<10	42	<10	80
ZZ51546		<20	0.05	<10	<10	41	<10	77
ZZ51547		<20	0.01	<10	<10	40	<10	94
ZZ51548		<20	0.02	<10	<10	47	<10	213
ZZ51549		<20	0.05	<10	<10	50	<10	119
ZZ51550		<20	0.06	<10	<10	44	<10	84
ZZ51911		<20	0.06	<10	<10	45	<10	112
ZZ51912		<20	0.05	<10	<10	34	<10	142
ZZ51913		<20	0.07	<10	<10	42	<10	80
ZZ51914		<20	0.04	<10	<10	34	<10	57
ZZ51915		<20	0.06	<10	<10	61	<10	103
ZZ51916		<20	0.04	<10	<10	29	<10	48
ZZ51917		<20	0.06	<10	<10	51	<10	94
ZZ51918		<20	0.11	<10	<10	53	<10	90
ZZ51919		<20	0.05	<10	<10	38	<10	42
ZZ51920		<20	0.03	<10	<10	41	<10	72
ZZ51921								
ZZ51922								
ZZ51923								
ZZ51924								
ZZ51925								
ZZ51926								
ZZ51927								
ZZ51928								
ZZ51929								
ZZ51930								
ZZ51931								
ZZ51932								
ZZ51933								
ZZ51934								
ZZ51935								
ZZ51936								
ZZ51937								
ZZ51938								
ZZ51939								
ZZ51940								



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51941		0.33	0.016	1.2	1.99	47	<10	260	<0.5	<2	0.57	0.6	5	22	21	2.45
ZZ51942		0.35	0.011	1.6	1.09	31	<10	130	<0.5	<2	0.33	0.5	8	16	13	1.68
ZZ51943		0.19	0.022	2.6	0.96	27	<10	140	<0.5	<2	0.27	1.5	3	12	13	1.33
ZZ51944		0.33	0.028	2.0	1.23	108	<10	150	<0.5	3	0.24	1.0	6	14	22	2.22
ZZ51945		0.48	0.050	2.7	1.46	68	<10	240	<0.5	<2	0.31	1.0	5	20	23	2.23
ZZ51946		0.24	<0.005	0.4	0.63	22	<10	70	<0.5	<2	0.16	<0.5	2	10	8	1.30
ZZ51947		0.29	0.008	0.5	1.65	37	<10	130	<0.5	<2	0.21	<0.5	6	25	14	2.43
ZZ51948		0.49	0.032	1.4	0.98	144	<10	140	<0.5	<2	0.29	0.5	5	11	13	2.10
ZZ51949		0.22	0.020	1.7	0.91	31	<10	150	<0.5	3	0.36	<0.5	3	12	14	1.42
ZZ51950		0.29	0.019	1.2	1.34	28	<10	210	<0.5	<2	0.29	<0.5	5	18	17	2.19
ZZ51951		0.40	0.012	0.8	0.92	16	<10	130	<0.5	<2	0.24	<0.5	4	14	13	1.52
ZZ51952		0.32	0.042	3.8	0.83	104	<10	120	<0.5	<2	0.21	1.8	3	9	13	1.74
ZZ51953		0.22	0.044	3.2	1.52	54	<10	250	0.5	<2	0.61	2.3	4	14	25	1.89
ZZ51954		0.46	0.015	1.5	1.61	50	<10	170	<0.5	<2	0.35	<0.5	5	21	21	2.13
ZZ51955		0.26	0.005	1.6	0.67	14	<10	90	<0.5	<2	0.26	0.5	3	9	8	1.12
ZZ51956		0.42	0.010	1.2	1.28	18	<10	160	<0.5	<2	0.25	<0.5	3	12	11	1.30
ZZ51957		0.33	0.009	1.4	1.42	21	<10	200	<0.5	<2	0.31	0.7	4	16	12	1.65
ZZ51958		0.28	0.011	1.5	1.68	54	<10	270	<0.5	<2	0.59	0.5	7	24	25	2.20
ZZ51959		0.41	0.005	1.3	0.60	13	<10	70	<0.5	<2	0.24	<0.5	2	7	9	0.94
ZZ51960		0.30	0.007	1.0	0.58	13	<10	110	<0.5	<2	0.32	<0.5	2	6	9	0.85
ZZ51961		0.29	<0.005	1.1	0.97	25	<10	140	<0.5	<2	0.42	<0.5	4	11	13	1.42
ZZ51962		0.35	0.005	0.7	1.02	52	<10	180	<0.5	<2	0.29	<0.5	8	19	21	2.24
ZZ51963		0.24	<0.005	0.2	0.52	5	<10	50	<0.5	<2	0.08	<0.5	3	9	5	1.20
ZZ51964		0.33	<0.005	0.3	0.40	2	<10	40	<0.5	<2	0.06	<0.5	2	4	5	0.67
ZZ51965		0.38	<0.005	0.9	1.44	18	<10	150	<0.5	<2	0.19	<0.5	6	25	14	2.45
ZZ51966		0.22	<0.005	0.6	0.67	10	<10	70	<0.5	<2	0.15	0.6	5	11	8	1.52
ZZ51967		0.38	0.005	1.7	1.67	20	<10	90	<0.5	<2	0.16	<0.5	5	24	13	2.53
ZZ51968		0.46	<0.005	2.0	1.76	23	<10	140	<0.5	<2	0.19	<0.5	7	27	12	2.57
ZZ51969		0.41	0.006	1.1	1.55	28	<10	110	<0.5	<2	0.21	<0.5	6	22	12	2.54
ZZ51970		0.41	0.012	2.4	2.36	76	<10	300	0.8	<2	0.43	0.5	8	29	45	3.12
ZZ51971		0.43	0.035	13.9	1.59	150	<10	220	0.5	<2	0.59	1.6	6	23	36	2.24
ZZ51972		0.34	0.017	0.2	0.69	18	<10	90	<0.5	<2	0.20	<0.5	3	14	8	1.61
ZZ51973		0.42	0.018	1.4	1.49	70	<10	170	<0.5	<2	0.34	<0.5	6	22	27	2.46
ZZ51974		0.49	0.078	2.5	1.48	80	<10	200	0.5	4	0.30	1.3	6	23	29	2.55
ZZ51975		0.35	0.026	1.1	1.12	47	<10	150	<0.5	<2	0.29	0.7	5	15	18	2.04
ZZ51976		0.45	0.013	2.3	0.58	39	<10	70	<0.5	<2	0.20	0.5	3	8	7	1.10
ZZ51977		0.42	0.005	1.5	1.02	20	<10	130	<0.5	<2	0.35	0.6	5	11	12	1.37
ZZ51978		0.23	<0.005	0.9	0.61	8	<10	110	<0.5	<2	0.34	0.6	3	8	9	0.89
ZZ51979		0.29	<0.005	0.5	0.73	13	<10	110	<0.5	<2	0.30	<0.5	3	10	9	1.18
ZZ51980		0.33	0.013	1.1	1.32	51	<10	160	<0.5	<2	0.27	<0.5	4	17	13	1.87





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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
ZZ51941		10	<1	0.10	10	0.37	417	<1	0.03	11	840	20	0.05	<2	4
ZZ51942		<10	<1	0.06	10	0.29	628	<1	0.03	7	640	29	0.02	<2	2
ZZ51943		<10	<1	0.06	10	0.21	184	<1	0.03	6	750	40	0.05	<2	1
ZZ51944		<10	<1	0.07	10	0.23	587	<1	0.03	8	690	52	0.04	2	1
ZZ51945		<10	<1	0.07	10	0.33	253	<1	0.02	10	510	107	0.03	2	3
ZZ51946		<10	<1	0.03	<10	0.13	91	<1	0.02	4	280	6	0.02	<2	1
ZZ51947		10	<1	0.06	10	0.46	241	<1	0.02	14	300	9	0.01	<2	3
ZZ51948		<10	1	0.06	10	0.21	224	<1	0.03	7	500	16	0.01	2	3
ZZ51949		<10	1	0.06	10	0.19	101	<1	0.04	7	740	11	0.06	<2	1
ZZ51950		<10	<1	0.07	10	0.28	227	<1	0.03	10	490	8	0.02	<2	3
ZZ51951		<10	1	0.04	10	0.25	158	<1	0.03	8	470	30	0.02	<2	1
ZZ51952		<10	<1	0.06	10	0.16	268	<1	0.03	4	420	190	0.02	5	2
ZZ51953		<10	<1	0.07	10	0.26	351	<1	0.03	10	950	38	0.07	<2	2
ZZ51954		10	<1	0.08	10	0.36	355	<1	0.02	10	690	33	0.03	<2	2
ZZ51955		<10	<1	0.04	<10	0.15	110	<1	0.03	5	570	6	0.03	<2	1
ZZ51956		<10	<1	0.06	<10	0.17	139	<1	0.03	6	570	10	0.04	<2	2
ZZ51957		<10	<1	0.06	10	0.28	289	<1	0.02	7	720	19	0.05	<2	2
ZZ51958		<10	<1	0.08	10	0.39	678	<1	0.03	14	720	30	0.07	<2	3
ZZ51959		<10	<1	0.04	<10	0.10	109	<1	0.03	4	400	9	0.02	<2	1
ZZ51960		<10	<1	0.04	<10	0.09	131	<1	0.04	4	400	4	0.03	<2	1
ZZ51961		<10	<1	0.07	10	0.19	297	<1	0.03	6	520	17	0.02	<2	2
ZZ51962		<10	1	0.07	10	0.26	923	<1	0.02	9	440	43	0.01	<2	2
ZZ51963		<10	<1	0.04	<10	0.12	128	<1	0.02	4	200	4	<0.01	<2	1
ZZ51964		<10	<1	0.03	<10	0.04	72	<1	0.03	2	210	2	<0.01	<2	1
ZZ51965		10	<1	0.07	10	0.45	240	<1	0.02	13	260	11	<0.01	<2	3
ZZ51966		<10	<1	0.04	<10	0.15	291	<1	0.03	5	260	17	0.01	<2	1
ZZ51967		10	<1	0.06	10	0.38	168	<1	0.01	11	280	20	0.01	<2	3
ZZ51968		10	<1	0.08	10	0.45	355	<1	0.02	13	250	30	0.01	<2	3
ZZ51969		10	<1	0.08	10	0.36	276	<1	0.02	12	320	33	0.01	<2	3
ZZ51970		10	<1	0.13	10	0.39	702	1	0.01	14	490	78	0.01	3	4
ZZ51971		<10	<1	0.10	10	0.37	526	1	0.02	14	690	60	0.04	4	4
ZZ51972		<10	<1	0.04	10	0.23	147	<1	0.02	6	290	7	0.01	<2	2
ZZ51973		10	<1	0.06	10	0.35	367	1	0.02	11	730	15	0.05	<2	2
ZZ51974		<10	<1	0.07	10	0.40	329	<1	0.02	12	680	271	0.03	7	3
ZZ51975		<10	1	0.06	10	0.28	385	<1	0.02	8	690	41	0.02	3	2
ZZ51976		<10	1	0.04	<10	0.16	165	<1	0.03	5	460	19	0.02	<2	1
ZZ51977		<10	1	0.05	<10	0.17	289	<1	0.03	5	600	11	0.04	<2	2
ZZ51978		<10	<1	0.04	<10	0.13	145	<1	0.03	4	530	5	0.04	<2	1
ZZ51979		<10	<1	0.04	<10	0.18	176	<1	0.03	5	570	5	0.03	<2	1
ZZ51980		<10	<1	0.06	10	0.30	227	<1	0.02	9	590	24	0.02	<2	2



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
ZZ51941		<20	0.05	<10	<10	51	<10
ZZ51942		<20	0.05	<10	<10	37	<10
ZZ51943		<20	0.03	<10	<10	25	<10
ZZ51944		<20	0.03	<10	<10	38	<10
ZZ51945		<20	0.04	<10	<10	43	<10
ZZ51946		<20	0.06	<10	<10	41	<10
ZZ51947		<20	0.08	<10	<10	51	<10
ZZ51948		<20	0.04	<10	<10	39	<10
ZZ51949		<20	0.03	<10	<10	28	<10
ZZ51950		<20	0.06	<10	<10	48	<10
ZZ51951		<20	0.04	<10	<10	32	<10
ZZ51952		<20	0.04	<10	<10	36	<10
ZZ51953		<20	0.04	<10	<10	32	<10
ZZ51954		<20	0.04	<10	<10	41	<10
ZZ51955		<20	0.04	<10	<10	30	<10
ZZ51956		<20	0.04	<10	<10	27	<10
ZZ51957		<20	0.04	<10	<10	37	<10
ZZ51958		<20	0.05	<10	<10	40	<10
ZZ51959		<20	0.03	<10	<10	22	<10
ZZ51960		<20	0.02	<10	<10	19	<10
ZZ51961		<20	0.03	<10	<10	29	<10
ZZ51962		<20	0.04	<10	<10	38	<10
ZZ51963		<20	0.06	<10	<10	36	<10
ZZ51964		<20	0.03	<10	<10	17	<10
ZZ51965		<20	0.08	<10	<10	53	<10
ZZ51966		<20	0.07	<10	<10	43	<10
ZZ51967		<20	0.07	<10	<10	55	<10
ZZ51968		<20	0.08	<10	<10	56	<10
ZZ51969		<20	0.06	<10	<10	52	<10
ZZ51970		<20	0.02	<10	<10	54	<10
ZZ51971		<20	0.03	<10	<10	40	<10
ZZ51972		<20	0.06	<10	<10	44	<10
ZZ51973		<20	0.04	<10	<10	54	<10
ZZ51974		<20	0.04	<10	<10	41	<10
ZZ51975		<20	0.03	<10	<10	34	<10
ZZ51976		<20	0.04	<10	<10	26	<10
ZZ51977		<20	0.04	<10	<10	31	<10
ZZ51978		<20	0.03	<10	<10	21	<10
ZZ51979		<20	0.04	<10	<10	30	<10
ZZ51980		<20	0.05	<10	<10	44	<10



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51981		0.31	0.015	1.5	1.34	45	<10	210	<0.5	<2	0.35	<0.5	5	15	18	1.90
ZZ51982		0.35	0.014	1.8	1.14	46	<10	230	<0.5	<2	0.39	<0.5	4	14	20	1.67
ZZ51983		0.53	0.014	3.1	1.67	76	<10	310	0.6	<2	0.50	<0.5	6	20	33	2.64
ZZ51984		0.38	0.015	0.9	1.12	46	<10	230	<0.5	<2	0.40	<0.5	5	19	19	1.85
ZZ51985		0.50	0.007	0.5	1.43	37	<10	200	<0.5	<2	0.45	<0.5	6	25	20	2.20
ZZ51986		0.35	0.023	2.8	1.76	89	<10	400	0.7	<2	0.79	0.9	7	24	46	2.60
ZZ51987		0.35	0.007	0.8	1.43	23	<10	140	<0.5	<2	0.29	<0.5	6	24	13	2.14
ZZ51988		0.38	0.008	1.3	1.55	19	<10	230	<0.5	<2	0.23	<0.5	6	22	14	2.08
ZZ51989		0.37	0.023	1.6	1.71	63	<10	200	0.6	<2	0.66	<0.5	7	28	48	2.59
ZZ51990		0.26	0.006	1.5	1.89	37	<10	200	0.5	<2	0.34	0.7	8	24	32	2.90
ZZ51991		0.33	<0.005	0.3	1.05	8	<10	160	<0.5	<2	0.21	0.5	6	14	18	1.78
ZZ51992		0.36	<0.005	0.8	1.29	14	<10	160	<0.5	<2	0.28	<0.5	8	19	21	2.11
ZZ51993		0.45	<0.005	0.4	0.70	9	<10	80	<0.5	<2	0.17	<0.5	3	10	7	1.34
ZZ51994		0.39	0.016	0.6	1.18	55	<10	150	<0.5	<2	0.19	<0.5	5	19	13	1.88
ZZ51995		0.42	<0.005	1.1	1.58	16	<10	250	<0.5	<2	0.28	0.5	10	24	23	2.58
ZZ51996		0.43	<0.005	0.6	1.42	16	<10	120	<0.5	<2	0.21	<0.5	6	21	15	2.18
ZZ51997		0.43	0.010	0.3	2.12	18	<10	170	<0.5	<2	0.19	0.5	9	28	19	2.77
ZZ51998		0.38	0.012	1.5	1.30	46	<10	180	<0.5	<2	0.37	0.6	7	19	19	2.26
ZZ51999		0.47	<0.005	<0.2	2.00	30	<10	110	<0.5	<2	0.18	<0.5	7	25	17	3.07
ZZ52000		0.30	<0.005	0.3	1.12	5	<10	130	<0.5	<2	0.22	0.5	9	16	19	1.97
ZZ51751		0.43	0.019	0.6	1.54	79	<10	140	<0.5	2	0.20	0.7	8	22	19	2.89
ZZ51752		0.40	0.038	1.0	1.23	151	<10	200	<0.5	2	0.25	0.8	7	20	19	2.98
ZZ51753		0.44	0.012	0.2	1.50	42	<10	190	<0.5	<2	0.27	<0.5	8	23	18	2.71
ZZ51754		0.20	0.048	3.1	2.02	63	<10	330	0.7	2	0.38	1.5	10	23	33	3.13
ZZ51755		0.26	0.114	7.4	2.29	251	<10	310	0.6	3	0.47	4.5	5	21	46	3.13
ZZ51756		0.16	0.047	3.5	1.68	74	<10	240	0.5	<2	0.60	2.3	5	17	30	2.21
ZZ51757		0.27	0.017	1.4	1.95	59	<10	240	0.5	<2	0.46	0.6	6	24	29	2.61
ZZ51758		0.53	0.010	0.8	1.30	44	<10	160	<0.5	<2	0.32	<0.5	5	20	15	1.96
ZZ51759		0.32	0.009	0.9	1.87	64	<10	240	<0.5	<2	0.33	<0.5	6	23	16	2.32
ZZ51760		0.25	0.008	1.6	1.77	26	<10	250	<0.5	<2	0.47	<0.5	4	23	22	1.76
ZZ51761		0.38	0.009	0.8	1.98	55	<10	320	0.6	<2	0.72	0.5	7	29	36	2.76
ZZ51762		0.47	0.009	0.4	0.99	48	<10	160	<0.5	<2	0.37	<0.5	5	18	17	2.09
ZZ51763		0.25	0.020	2.5	2.40	31	<10	460	1.0	<2	0.90	<0.5	8	29	57	2.96
ZZ51764		0.38	<0.005	0.8	2.13	18	<10	180	0.5	<2	0.23	<0.5	8	32	25	2.88
ZZ51765		0.33	<0.005	0.2	1.40	17	<10	130	<0.5	<2	0.18	<0.5	6	22	13	2.47
ZZ51766		0.38	0.005	1.5	1.71	33	<10	140	<0.5	<2	0.16	<0.5	7	23	25	2.42
ZZ51767		0.40	0.010	0.7	1.77	27	<10	210	<0.5	<2	0.22	<0.5	7	25	21	2.55
ZZ51768		0.51	0.007	1.2	1.93	27	<10	150	<0.5	<2	0.22	<0.5	8	28	16	2.72
ZZ51769		0.36	0.009	3.0	1.72	48	<10	110	<0.5	<2	0.22	<0.5	6	22	24	2.75
ZZ51770		0.41	0.009	0.7	1.47	36	<10	240	0.5	<2	0.56	<0.5	6	21	38	2.48



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North Vancouver BC V7H 0A7  
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To: ROCKHAVEN RESOURCES LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016 - 510 W HASTINGS STREET  
VANCOUVER BC V6B 1L8

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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51981		<10	<1	0.06	10	0.27	252	<1	0.03	8	680	23	0.03	<2	2	27
ZZ51982		<10	<1	0.06	10	0.24	268	<1	0.03	8	630	18	0.04	2	2	31
ZZ51983		<10	<1	0.11	10	0.36	644	<1	0.02	11	690	60	0.03	3	4	37
ZZ51984		<10	<1	0.06	10	0.37	308	<1	0.02	11	610	39	0.02	2	3	27
ZZ51985		<10	<1	0.08	10	0.47	364	<1	0.02	13	470	25	0.02	<2	3	32
ZZ51986		<10	1	0.11	20	0.40	601	<1	0.02	13	540	60	0.03	3	5	49
ZZ51987		<10	<1	0.07	10	0.41	296	<1	0.02	12	350	22	0.01	<2	3	22
ZZ51988		<10	1	0.08	10	0.35	584	<1	0.02	12	300	31	0.01	<2	3	21
ZZ51989		<10	1	0.11	10	0.47	497	1	0.01	18	670	35	0.03	<2	5	45
ZZ51990		10	1	0.14	10	0.36	878	1	0.01	12	550	26	0.03	<2	3	28
ZZ51991		<10	<1	0.07	10	0.22	939	1	0.01	7	320	9	0.01	<2	2	21
ZZ51992		<10	<1	0.06	10	0.32	600	1	0.01	10	360	11	0.01	<2	3	23
ZZ51993		<10	1	0.05	10	0.18	239	<1	0.02	4	380	17	0.01	<2	1	14
ZZ51994		<10	<1	0.09	10	0.32	703	1	0.01	9	300	26	0.01	<2	2	17
ZZ51995		10	<1	0.08	10	0.34	1395	1	0.01	10	420	26	0.02	<2	2	26
ZZ51996		<10	<1	0.09	10	0.40	236	<1	0.01	12	390	13	0.01	<2	3	15
ZZ51997		10	1	0.10	10	0.46	336	1	0.01	19	360	19	0.01	<2	3	18
ZZ51998		<10	<1	0.08	10	0.28	558	<1	0.02	9	410	33	0.02	<2	3	27
ZZ51999		10	<1	0.14	10	0.54	298	1	0.01	14	450	13	0.01	2	3	16
ZZ52000		10	<1	0.05	10	0.25	814	1	0.02	8	340	9	0.02	<2	1	23
ZZ51751		<10	<1	0.08	10	0.43	334	1	0.01	13	340	17	0.02	2	3	17
ZZ51752		<10	<1	0.06	10	0.36	434	1	0.01	12	390	34	0.02	6	3	20
ZZ51753		<10	1	0.07	10	0.47	435	1	0.01	15	400	14	0.01	<2	3	20
ZZ51754		10	1	0.09	20	0.36	852	1	0.02	13	940	42	0.06	<2	4	33
ZZ51755		10	1	0.13	20	0.38	453	1	0.02	12	940	437	0.07	9	4	44
ZZ51756		<10	1	0.08	10	0.30	390	1	0.02	9	940	62	0.07	<2	3	49
ZZ51757		10	<1	0.10	10	0.39	474	1	0.01	12	780	30	0.04	<2	3	34
ZZ51758		<10	<1	0.06	10	0.41	297	1	0.01	9	500	26	0.02	<2	3	22
ZZ51759		10	1	0.09	10	0.41	511	1	0.01	10	640	28	0.04	<2	3	29
ZZ51760		10	1	0.09	10	0.38	254	1	0.02	11	680	26	0.06	<2	3	37
ZZ51761		10	1	0.10	10	0.49	490	1	0.01	16	760	25	0.05	<2	4	53
ZZ51762		<10	1	0.07	10	0.34	579	1	0.01	9	320	39	0.01	2	3	25
ZZ51763		10	1	0.13	30	0.46	576	1	0.01	18	1260	26	0.08	2	6	57
ZZ51764		10	<1	0.09	10	0.50	351	1	0.01	16	290	15	0.01	<2	4	22
ZZ51765		10	<1	0.10	10	0.36	450	1	0.01	10	260	12	0.01	<2	3	17
ZZ51766		<10	<1	0.08	10	0.43	251	1	0.01	15	280	16	0.01	<2	3	14
ZZ51767		10	<1	0.09	10	0.43	371	1	0.01	14	280	20	0.01	<2	3	21
ZZ51768		10	<1	0.12	10	0.48	291	1	0.01	18	480	20	0.01	<2	3	18
ZZ51769		10	1	0.10	10	0.37	428	1	0.01	12	340	86	0.01	3	3	20
ZZ51770		<10	1	0.10	10	0.40	498	1	0.02	11	700	43	0.03	<2	4	38



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Project: Klaza

**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51981		<20	0.05	<10	<10	46	<10	105
ZZ51982		<20	0.04	<10	<10	36	<10	66
ZZ51983		<20	0.03	<10	<10	44	<10	101
ZZ51984		<20	0.05	<10	<10	35	<10	62
ZZ51985		<20	0.06	<10	<10	43	<10	64
ZZ51986		<20	0.03	<10	<10	42	<10	177
ZZ51987		<20	0.06	<10	<10	47	<10	66
ZZ51988		<20	0.05	<10	<10	45	<10	55
ZZ51989		<20	0.04	<10	<10	45	<10	112
ZZ51990		<20	0.03	<10	<10	50	<10	97
ZZ51991		<20	0.05	<10	<10	39	<10	39
ZZ51992		<20	0.05	<10	<10	48	<10	49
ZZ51993		<20	0.04	<10	<10	33	<10	31
ZZ51994		<20	0.05	<10	<10	40	<10	81
ZZ51995		<20	0.06	<10	<10	59	<10	83
ZZ51996		<20	0.06	<10	<10	44	<10	51
ZZ51997		<20	0.08	<10	<10	56	<10	59
ZZ51998		<20	0.04	<10	<10	50	<10	106
ZZ51999		<20	0.09	<10	<10	68	<10	73
ZZ52000		<20	0.05	<10	<10	46	<10	61
ZZ51751		<20	0.06	<10	<10	52	<10	93
ZZ51752		<20	0.05	<10	<10	47	<10	117
ZZ51753		<20	0.07	<10	<10	48	<10	56
ZZ51754		<20	0.04	<10	<10	48	<10	118
ZZ51755		<20	0.03	<10	<10	40	<10	511
ZZ51756		<20	0.03	<10	<10	38	<10	322
ZZ51757		<20	0.05	<10	<10	52	<10	134
ZZ51758		<20	0.06	<10	<10	42	<10	89
ZZ51759		<20	0.05	<10	<10	46	<10	96
ZZ51760		<20	0.04	<10	<10	36	<10	86
ZZ51761		<20	0.04	<10	<10	50	<10	83
ZZ51762		<20	0.05	<10	<10	38	<10	85
ZZ51763		<20	0.02	<10	<10	50	<10	92
ZZ51764		<20	0.07	<10	<10	59	<10	60
ZZ51765		<20	0.08	<10	<10	54	<10	48
ZZ51766		<20	0.06	<10	<10	46	<10	53
ZZ51767		<20	0.06	<10	<10	52	<10	69
ZZ51768		<20	0.08	<10	<10	54	<10	79
ZZ51769		<20	0.05	<10	<10	49	<10	86
ZZ51770		<20	0.05	<10	<10	46	<10	78



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**CERTIFICATE OF ANALYSIS WH12186248**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
ZZ51771		0.42	0.031	0.3	1.47	24	<10	170	<0.5	<2	0.36	<0.5	8	24	19	2.54
ZZ51772		0.43	0.006	0.3	1.01	32	<10	160	<0.5	<2	0.36	<0.5	4	16	15	1.89
ZZ51773		0.59	<0.005	0.5	1.31	25	<10	190	<0.5	<2	0.48	<0.5	5	24	22	2.07
ZZ51774		0.71	0.008	1.0	1.30	33	<10	150	<0.5	<2	0.39	<0.5	4	22	14	1.83
ZZ51775		0.47	0.014	1.1	2.59	53	<10	310	0.5	<2	0.45	0.5	6	30	22	2.81
ZZ51776		0.37	0.010	0.6	1.64	49	<10	220	<0.5	<2	0.40	0.5	8	22	19	2.28
ZZ51777		0.46	0.021	1.1	1.62	46	<10	160	<0.5	<2	0.33	0.6	5	24	18	2.15
ZZ51778		0.38	0.035	1.5	1.27	117	<10	250	<0.5	2	0.29	1.6	5	18	20	2.31
ZZ51779		0.44	0.041	1.7	1.44	98	<10	220	<0.5	3	0.35	1.8	6	21	32	2.72
ZZ51780		0.25	0.108	4.7	2.73	135	<10	420	1.0	4	0.55	1.9	9	29	45	3.96
ZZ51781		0.56	0.025	0.7	1.27	66	<10	120	<0.5	<2	0.24	<0.5	6	20	14	2.25
ZZ51782		0.29	0.014	0.4	1.16	45	<10	120	<0.5	<2	0.30	0.5	7	20	18	2.23
ZZ51783		0.27	0.022	1.4	1.79	77	<10	230	0.5	<2	0.36	1.1	6	23	24	2.72
ZZ51784		0.26	0.092	1.4	1.57	51	<10	280	0.5	3	0.40	0.7	7	22	26	2.90
ZZ51785		0.30	0.023	0.6	1.36	26	<10	160	<0.5	<2	0.23	<0.5	5	23	13	2.30
ZZ51786		0.24	0.037	3.9	1.87	61	<10	230	<0.5	<2	0.47	2.4	5	21	24	2.42
ZZ51787		0.35	0.009	0.5	1.67	25	<10	160	<0.5	<2	0.27	<0.5	6	27	17	2.27
ZZ51788		0.22	0.016	1.7	2.06	42	<10	200	<0.5	<2	0.40	<0.5	5	22	19	2.50
ZZ51789		0.23	0.014	1.1	1.52	26	<10	190	<0.5	<2	0.38	<0.5	4	18	12	2.20
ZZ51790		0.37	<0.005	0.4	1.67	20	<10	240	0.5	<2	0.64	<0.5	9	37	29	3.26
ZZ51791		0.33	<0.005	0.3	1.40	24	<10	220	<0.5	<2	0.44	<0.5	5	24	21	2.25
ZZ51792		0.38	0.005	0.3	1.07	16	<10	180	<0.5	<2	0.39	<0.5	5	20	18	1.89
ZZ51793		0.28	0.011	0.9	1.23	42	<10	260	0.6	<2	0.45	<0.5	5	20	34	2.21
ZZ51794		0.25	0.010	1.0	1.22	32	<10	190	<0.5	<2	0.46	<0.5	5	21	24	2.06
ZZ51795		0.16	0.039	2.0	1.71	63	<10	320	0.7	<2	0.78	0.5	5	23	45	2.38
ZZ51796		0.29	0.017	1.6	1.59	55	<10	370	0.6	<2	0.62	0.7	6	26	35	2.43
ZZ51797		0.38	<0.005	0.2	1.34	17	<10	120	<0.5	<2	0.22	<0.5	7	22	13	2.01
ZZ51798		0.39	0.007	0.2	1.54	37	<10	230	<0.5	<2	0.28	<0.5	6	22	15	2.16
ZZ51799		0.30	0.010	0.9	1.34	28	<10	190	<0.5	<2	0.32	<0.5	5	19	22	1.95
ZZ51800		0.46	0.010	0.8	1.38	29	<10	260	<0.5	<2	0.48	<0.5	7	26	36	2.24
ZZ51801		0.30	<0.005	0.3	0.91	20	<10	140	<0.5	<2	0.32	<0.5	4	18	10	1.67
ZZ51802		0.26	0.049	6.8	2.87	56	<10	370	1.1	<2	0.78	0.5	5	30	83	3.17
ZZ51803		0.34	0.006	0.4	1.17	21	<10	180	<0.5	<2	0.40	<0.5	5	22	21	1.94
ZZ51804		0.40	0.005	0.7	1.62	19	<10	260	0.5	<2	0.67	<0.5	7	29	29	2.32
ZZ51805		0.42	0.005	0.3	1.16	18	<10	190	<0.5	<2	0.45	<0.5	6	26	19	2.07
ZZ51806		0.21	0.016	1.5	2.11	39	<10	260	<0.5	<2	0.47	<0.5	5	22	20	2.38
ZZ51807		0.42	0.005	0.2	1.17	22	<10	220	0.5	<2	0.49	<0.5	7	32	23	2.69
ZZ51808		0.29	0.018	1.8	1.83	21	<10	240	<0.5	<2	0.40	0.7	5	26	24	2.09
ZZ51809		0.29	0.058	1.7	1.55	74	<10	230	0.5	<2	0.37	0.9	6	23	28	2.53
ZZ51810		0.21	0.064	5.2	2.00	69	<10	230	0.6	5	0.52	1.9	8	22	55	3.35



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
ZZ51771		<10	<1	0.10	10	0.46	480	1	0.01	12	370	16	0.01	<2	3	25
ZZ51772		<10	<1	0.07	10	0.32	288	1	0.01	6	460	33	0.02	<2	3	23
ZZ51773		<10	1	0.07	10	0.43	373	1	0.01	13	500	18	0.02	<2	3	33
ZZ51774		<10	<1	0.08	10	0.37	210	1	0.01	9	560	27	0.02	<2	3	26
ZZ51775		10	<1	0.11	10	0.48	481	<1	0.02	14	830	29	0.05	<2	4	40
ZZ51776		10	<1	0.09	10	0.40	821	<1	0.02	11	600	30	0.02	<2	3	30
ZZ51777		<10	<1	0.07	10	0.46	349	<1	0.02	12	530	34	0.01	<2	3	25
ZZ51778		<10	<1	0.08	10	0.37	311	<1	0.02	9	310	81	0.02	2	3	25
ZZ51779		<10	<1	0.08	10	0.40	425	<1	0.02	11	510	213	0.02	3	3	31
ZZ51780		10	1	0.12	20	0.44	654	1	0.02	19	1200	58	0.07	<2	6	47
ZZ51781		<10	1	0.06	10	0.38	227	<1	0.01	11	350	15	0.01	<2	3	20
ZZ51782		<10	<1	0.06	10	0.43	315	<1	0.02	12	450	13	0.01	<2	3	22
ZZ51783		10	<1	0.07	10	0.45	398	<1	0.02	12	340	23	0.02	<2	4	29
ZZ51784		<10	<1	0.09	10	0.39	424	1	0.02	13	680	38	0.03	<2	4	35
ZZ51785		<10	<1	0.06	10	0.43	226	<1	0.02	11	180	16	0.01	<2	3	21
ZZ51786		10	<1	0.10	10	0.36	270	<1	0.03	11	880	52	0.06	<2	3	40
ZZ51787		10	<1	0.06	10	0.45	280	<1	0.02	14	440	23	0.01	<2	4	20
ZZ51788		10	<1	0.10	10	0.36	282	<1	0.03	9	760	28	0.04	<2	4	32
ZZ51789		<10	<1	0.07	10	0.30	181	<1	0.02	8	780	32	0.03	<2	3	28
ZZ51790		10	<1	0.13	10	0.60	485	<1	0.03	21	820	9	0.02	<2	8	54
ZZ51791		<10	<1	0.09	10	0.43	284	<1	0.02	12	400	16	0.01	<2	3	33
ZZ51792		<10	<1	0.07	10	0.38	289	<1	0.02	11	640	16	0.01	<2	3	27
ZZ51793		<10	<1	0.08	20	0.36	556	<1	0.02	11	530	43	0.02	<2	4	31
ZZ51794		<10	<1	0.08	10	0.36	772	<1	0.03	10	480	45	0.02	<2	3	35
ZZ51795		<10	<1	0.14	20	0.36	597	<1	0.03	13	690	55	0.03	2	5	50
ZZ51796		<10	<1	0.10	10	0.42	646	<1	0.02	14	640	86	0.02	3	4	42
ZZ51797		<10	1	0.07	10	0.38	484	<1	0.02	11	430	16	0.01	<2	3	18
ZZ51798		<10	<1	0.09	10	0.39	375	<1	0.02	11	320	11	0.01	<2	3	23
ZZ51799		<10	1	0.09	10	0.36	403	<1	0.02	12	420	21	0.01	<2	3	21
ZZ51800		<10	<1	0.09	10	0.48	388	<1	0.02	14	430	22	0.02	2	3	36
ZZ51801		<10	1	0.07	10	0.36	260	<1	0.02	8	230	17	0.01	<2	2	23
ZZ51802		10	1	0.16	40	0.40	426	<1	0.02	19	910	52	0.07	2	8	63
ZZ51803		<10	<1	0.07	10	0.38	362	<1	0.02	11	440	29	0.01	<2	3	29
ZZ51804		10	<1	0.09	10	0.42	232	<1	0.02	14	630	29	0.03	<2	5	46
ZZ51805		<10	<1	0.09	10	0.39	249	<1	0.02	12	690	17	0.01	<2	5	32
ZZ51806		10	<1	0.12	10	0.35	317	<1	0.03	10	670	34	0.04	<2	4	42
ZZ51807		<10	1	0.13	20	0.40	343	<1	0.02	16	1000	14	<0.01	<2	6	46
ZZ51808		10	<1	0.08	10	0.32	234	<1	0.03	12	720	22	0.05	<2	4	39
ZZ51809		<10	1	0.06	20	0.44	335	<1	0.02	12	490	37	0.02	2	3	38
ZZ51810		10	1	0.10	20	0.41	498	1	0.02	14	960	671	0.07	2	3	53



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 C/O ARCHER, CATHRO & ASSOCIATES (1981)  
 LIMITED  
 1016 - 510 W HASTINGS STREET  
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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
ZZ51771		<20	0.06	<10	<10	52	<10	69
ZZ51772		<20	0.04	<10	<10	35	<10	56
ZZ51773		<20	0.05	<10	<10	42	<10	51
ZZ51774		<20	0.05	<10	<10	38	<10	58
ZZ51775		<20	0.06	<10	<10	56	<10	143
ZZ51776		<20	0.06	<10	<10	47	<10	94
ZZ51777		<20	0.06	<10	<10	44	<10	122
ZZ51778		<20	0.05	<10	<10	43	<10	204
ZZ51779		<20	0.04	<10	<10	43	<10	253
ZZ51780		<20	0.03	<10	<10	54	<10	248
ZZ51781		<20	0.05	<10	<10	45	<10	62
ZZ51782		<20	0.07	<10	<10	44	<10	71
ZZ51783		<20	0.05	<10	<10	57	<10	112
ZZ51784		<20	0.05	<10	<10	47	<10	97
ZZ51785		<20	0.08	<10	<10	48	<10	66
ZZ51786		<20	0.04	<10	<10	45	<10	241
ZZ51787		<20	0.08	<10	<10	51	<10	69
ZZ51788		<20	0.05	<10	<10	50	<10	120
ZZ51789		<20	0.07	<10	<10	55	<10	107
ZZ51790		<20	0.09	<10	<10	73	<10	76
ZZ51791		<20	0.06	<10	<10	47	<10	72
ZZ51792		<20	0.05	<10	<10	38	<10	49
ZZ51793		<20	0.04	<10	<10	40	<10	75
ZZ51794		<20	0.05	<10	<10	41	<10	77
ZZ51795		<20	0.03	<10	<10	40	<10	116
ZZ51796		<20	0.04	<10	<10	42	<10	154
ZZ51797		<20	0.06	<10	<10	43	<10	59
ZZ51798		<20	0.04	<10	<10	43	<10	56
ZZ51799		<20	0.05	<10	<10	38	<10	72
ZZ51800		<20	0.06	<10	<10	44	<10	74
ZZ51801		<20	0.07	<10	<10	39	<10	59
ZZ51802		<20	0.03	<10	<10	49	<10	187
ZZ51803		<20	0.06	<10	<10	41	<10	59
ZZ51804		<20	0.06	<10	<10	52	<10	68
ZZ51805		<20	0.07	<10	<10	48	<10	58
ZZ51806		<20	0.05	<10	<10	44	<10	147
ZZ51807		<20	0.09	<10	<10	63	<10	75
ZZ51808		<20	0.04	<10	<10	42	<10	104
ZZ51809		<20	0.05	<10	<10	46	<10	143
ZZ51810		<20	0.04	<10	<10	48	<10	178





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**CERTIFICATE OF ANALYSIS    WH12186248**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
ZZ51811		<20	0.08	<10	<10	51	<10	76
ZZ51812		<20	0.07	<10	<10	57	<10	79
ZZ51813		<20	0.04	<10	<10	57	<10	112
ZZ51814		<20	0.05	<10	<10	46	<10	62
ZZ51815		<20	0.04	<10	<10	45	<10	59
ZZ51816		<20	0.05	<10	<10	49	<10	62
ZZ51817		<20	0.06	<10	<10	44	<10	71
ZZ51818		<20	0.05	<10	<10	47	<10	61
ZZ51819		<20	0.07	<10	<10	46	<10	59
ZZ51820		<20	0.06	<10	<10	51	<10	89