



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: 8-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12194256**

Project: KLAZA  
P.O. No.: Batch 4  
This report is for 39 Soil samples submitted to our lab in Whitehorse, YT, Canada on 19-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12194256**

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
ZZ51561		0.26	<0.005	0.2	1.30	12	<10	180	<0.5	5	0.53	<0.5	8	18	26	2.16
ZZ51562		0.30	<0.005	0.5	0.73	6	<10	100	<0.5	4	0.50	<0.5	7	9	17	1.74
ZZ51563		0.33	0.005	0.2	1.02	16	<10	160	<0.5	3	0.63	<0.5	5	12	17	1.43
ZZ51564		0.39	<0.005	<0.2	0.56	3	<10	70	<0.5	4	0.30	<0.5	4	7	10	1.16
ZZ51565		0.30	<0.005	<0.2	1.49	18	<10	210	<0.5	3	0.52	<0.5	11	20	17	3.58
ZZ51566		0.39	<0.005	0.2	0.90	10	<10	190	<0.5	4	0.83	<0.5	6	11	23	1.64
ZZ51567		0.35	0.033	0.4	1.50	27	<10	160	<0.5	4	0.90	0.9	11	18	27	3.42
ZZ51568		0.36	<0.005	<0.2	1.14	9	<10	190	<0.5	3	0.67	<0.5	8	15	14	2.31
ZZ51569		0.35	<0.005	0.3	1.24	13	<10	190	<0.5	3	0.95	<0.5	7	16	26	2.31
ZZ51570		0.38	<0.005	0.2	0.93	9	<10	160	<0.5	4	1.31	<0.5	7	12	24	2.21
ZZ51601		0.20	0.006	0.2	0.42	<2	<10	140	<0.5	4	0.21	<0.5	2	5	11	0.97
ZZ51602		0.24	0.029	0.5	1.02	9	<10	150	0.5	4	0.22	<0.5	6	9	37	1.76
ZZ51603		0.35	0.061	0.2	1.09	12	<10	160	<0.5	4	0.35	<0.5	10	16	23	2.69
ZZ51604		0.30	0.026	0.6	1.76	13	<10	410	0.6	5	0.36	<0.5	5	21	53	2.57
ZZ51605		0.32	0.072	0.7	1.68	33	<10	510	<0.5	5	0.47	0.7	7	20	52	2.67
ZZ51606		0.36	0.008	0.3	0.67	6	<10	180	<0.5	2	0.21	<0.5	4	9	21	1.65
ZZ51607		0.35	0.010	0.5	0.43	4	<10	140	<0.5	4	0.24	<0.5	4	6	9	1.99
ZZ51608		0.35	0.074	1.5	1.24	45	<10	370	<0.5	4	0.17	1.0	5	13	40	2.11
ZZ51609		0.30	0.012	0.4	0.65	7	<10	170	<0.5	4	0.14	<0.5	3	8	19	1.16
ZZ51610		0.28	0.042	1.1	0.63	17	<10	190	<0.5	6	0.13	0.8	4	8	68	2.08
ZZ51611		0.27	0.037	1.6	1.11	23	<10	300	<0.5	6	0.25	1.3	3	10	58	1.95
ZZ51612		0.34	0.023	1.1	2.13	22	<10	540	0.7	6	0.30	0.7	6	19	50	2.76
ZZ51613		0.38	0.074	5.1	1.64	54	<10	650	0.6	16	0.30	1.8	6	15	119	3.84
ZZ51614		0.30	0.049	1.1	1.32	18	<10	260	<0.5	6	0.18	1.2	5	17	36	2.08
ZZ51615		0.15	0.015	0.5	1.47	16	<10	190	<0.5	5	0.25	0.9	5	15	19	2.31
ZZ51616		0.28	0.006	0.4	1.23	19	<10	230	<0.5	5	0.31	<0.5	5	15	11	3.51
ZZ51617		0.41	0.007	<0.2	1.39	12	<10	210	<0.5	4	0.25	<0.5	6	19	11	1.83
ZZ51618		0.44	0.015	0.3	1.18	22	<10	190	<0.5	4	0.24	<0.5	6	17	11	1.96
ZZ51619		0.38	0.017	0.7	1.61	52	<10	440	0.6	4	0.34	<0.5	6	18	29	2.24
ZZ51620		0.24	0.007	<0.2	1.58	93	<10	360	0.5	4	0.22	<0.5	7	18	26	2.47
ZZ51621		0.39	0.018	0.3	1.18	49	<10	330	<0.5	5	0.41	<0.5	7	19	36	2.41
ZZ51622		0.32	0.021	0.2	1.60	134	<10	270	0.6	8	0.41	<0.5	8	22	41	2.92
ZZ51623		0.23	0.006	<0.2	1.76	74	<10	170	<0.5	7	0.32	<0.5	7	21	10	3.05
ZZ51624		0.27	0.008	0.3	1.87	73	<10	240	<0.5	5	0.49	<0.5	8	26	18	3.31
ZZ51625		0.25	0.006	0.2	1.45	29	<10	160	<0.5	5	0.60	<0.5	8	21	20	2.33
ZZ51626		0.17	<0.005	0.4	1.93	20	<10	170	0.5	4	0.56	<0.5	15	20	30	3.10
ZZ51627		0.59	<0.005	<0.2	1.23	22	<10	150	<0.5	5	0.26	<0.5	7	20	16	2.17
ZZ51628		0.26	0.005	0.7	1.41	38	<10	410	<0.5	5	0.19	<0.5	5	18	39	2.35
ZZ51629		0.21	0.016	0.7	1.06	68	<10	940	<0.5	7	0.20	<0.5	4	15	42	2.32



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**CERTIFICATE OF ANALYSIS WH12194256**

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
ZZ51561		10	<1	0.04	10	0.34	377	1	0.03	7	710	8	0.04	<2	3	41
ZZ51562		<10	<1	0.02	10	0.14	456	1	0.03	2	860	5	0.05	<2	2	35
ZZ51563		<10	<1	0.04	10	0.24	263	1	0.03	4	850	5	0.07	<2	2	46
ZZ51564		<10	<1	0.03	<10	0.12	206	1	0.04	1	500	4	0.03	<2	1	25
ZZ51565		10	<1	0.10	10	0.86	486	1	0.03	10	740	20	<0.01	<2	5	32
ZZ51566		<10	<1	0.04	10	0.26	624	1	0.03	11	870	7	0.05	<2	2	54
ZZ51567		<10	<1	0.10	10	0.75	702	1	0.02	8	790	34	0.05	<2	6	53
ZZ51568		<10	<1	0.05	10	0.44	451	1	0.02	6	720	8	0.03	<2	3	43
ZZ51569		<10	<1	0.06	10	0.48	363	1	0.03	5	640	15	0.05	<2	4	58
ZZ51570		<10	<1	0.04	10	0.35	362	1	0.03	4	760	10	0.06	<2	3	77
ZZ51601		<10	<1	0.02	<10	0.07	68	<1	0.03	2	460	3	0.04	<2	1	22
ZZ51602		<10	<1	0.04	20	0.18	391	1	0.02	4	620	9	0.03	<2	5	19
ZZ51603		<10	<1	0.06	10	0.38	308	1	0.01	6	680	11	0.01	<2	4	20
ZZ51604		10	<1	0.07	10	0.32	305	1	0.02	8	1110	14	0.07	<2	4	32
ZZ51605		10	<1	0.07	10	0.37	292	1	0.01	9	930	42	0.04	<2	3	30
ZZ51606		<10	<1	0.04	10	0.15	225	1	0.02	2	610	7	0.01	<2	2	17
ZZ51607		<10	<1	0.03	<10	0.08	150	<1	0.03	1	760	5	0.01	<2	1	17
ZZ51608		<10	<1	0.06	10	0.18	417	1	0.02	5	650	53	0.04	<2	2	16
ZZ51609		<10	<1	0.04	10	0.13	169	<1	0.03	2	380	10	<0.01	<2	1	13
ZZ51610		<10	<1	0.05	10	0.12	110	1	0.02	2	410	31	0.03	3	1	16
ZZ51611		<10	<1	0.09	10	0.13	139	1	0.01	3	760	41	0.04	3	1	21
ZZ51612		10	<1	0.11	10	0.29	372	2	0.01	7	720	60	0.03	<2	3	29
ZZ51613		<10	<1	0.21	20	0.26	571	3	0.01	5	720	154	0.23	6	5	49
ZZ51614		<10	<1	0.08	10	0.28	194	1	0.01	5	580	53	0.03	<2	2	20
ZZ51615		<10	<1	0.07	10	0.43	211	3	0.01	5	620	293	0.01	<2	5	16
ZZ51616		<10	<1	0.06	10	0.34	692	2	0.01	3	690	14	0.02	<2	3	25
ZZ51617		<10	<1	0.06	10	0.38	215	1	0.01	7	670	18	<0.01	<2	3	16
ZZ51618		<10	<1	0.07	10	0.32	361	1	0.01	6	650	18	<0.01	<2	3	15
ZZ51619		<10	<1	0.07	20	0.34	445	2	0.01	7	910	18	0.04	2	5	24
ZZ51620		<10	<1	0.06	10	0.33	913	2	0.01	7	990	18	0.06	5	2	20
ZZ51621		<10	<1	0.12	10	0.34	415	3	0.02	5	990	14	0.05	3	4	26
ZZ51622		<10	<1	0.10	20	0.47	354	2	0.02	8	620	23	0.03	3	6	23
ZZ51623		10	<1	0.10	10	0.64	364	1	0.02	7	530	14	0.04	<2	5	18
ZZ51624		10	<1	0.12	10	0.76	447	3	0.02	8	690	22	0.07	3	6	28
ZZ51625		10	<1	0.10	20	0.60	345	2	0.02	6	550	18	0.05	<2	5	29
ZZ51626		10	<1	0.08	20	0.68	958	2	0.02	9	730	35	0.06	<2	5	37
ZZ51627		<10	<1	0.09	10	0.45	428	2	0.01	8	670	15	0.01	<2	3	16
ZZ51628		<10	<1	0.08	20	0.30	190	6	0.02	5	930	52	0.07	4	2	18
ZZ51629		<10	<1	0.11	20	0.18	266	9	0.02	6	720	69	0.15	24	1	23



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**CERTIFICATE OF ANALYSIS WH12194256**

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
ZZ51561		<20	0.07	<10	<10	61	<10	38
ZZ51562		<20	0.06	<10	<10	49	<10	20
ZZ51563		<20	0.04	<10	<10	35	<10	25
ZZ51564		<20	0.05	<10	<10	35	<10	14
ZZ51565		<20	0.11	<10	<10	123	<10	51
ZZ51566		<20	0.05	<10	<10	49	<10	42
ZZ51567		<20	0.10	<10	<10	85	<10	94
ZZ51568		<20	0.09	<10	<10	67	<10	41
ZZ51569		<20	0.07	<10	<10	67	<10	58
ZZ51570		<20	0.08	<10	<10	69	<10	50
ZZ51601		<20	0.03	<10	<10	28	<10	16
ZZ51602		<20	0.04	<10	<10	33	<10	34
ZZ51603		<20	0.07	<10	<10	48	<10	37
ZZ51604		<20	0.03	<10	<10	52	<10	48
ZZ51605		<20	0.03	<10	<10	53	<10	105
ZZ51606		<20	0.06	<10	<10	46	<10	34
ZZ51607		<20	0.08	<10	<10	68	<10	37
ZZ51608		<20	0.02	<10	<10	44	<10	125
ZZ51609		<20	0.03	<10	<10	28	<10	32
ZZ51610		<20	0.05	<10	<10	49	<10	62
ZZ51611		<20	0.01	<10	<10	36	<10	115
ZZ51612		<20	0.01	<10	<10	47	<10	132
ZZ51613		<20	0.02	<10	<10	39	<10	255
ZZ51614		<20	0.04	<10	<10	40	<10	115
ZZ51615		<20	0.03	<10	<10	50	<10	359
ZZ51616		<20	0.03	<10	<10	42	<10	47
ZZ51617		<20	0.04	<10	<10	38	<10	64
ZZ51618		<20	0.05	<10	<10	39	<10	80
ZZ51619		<20	0.02	<10	<10	41	<10	80
ZZ51620		<20	0.02	<10	<10	44	<10	66
ZZ51621		<20	0.06	<10	<10	56	<10	46
ZZ51622		<20	0.04	<10	<10	51	<10	63
ZZ51623		<20	0.06	<10	<10	54	<10	51
ZZ51624		<20	0.07	<10	<10	62	<10	65
ZZ51625		<20	0.06	<10	<10	53	<10	59
ZZ51626		<20	0.05	<10	<10	62	<10	69
ZZ51627		<20	0.06	<10	<10	45	<10	48
ZZ51628		<20	0.04	<10	<10	42	<10	55
ZZ51629		<20	0.04	<10	<10	40	<10	70