



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

To: KAMINAK GOLD CORPORATION
1020 - 800 WEST PENDER STREET
VANCOUVER BC V6C 2V6

Page: 1
Finalized Date: 11-JUL-2013
Account: KAMGOL

CERTIFICATE WH13121186

Project: Coffee

P.O. No.: KGC-13-1217

This report is for 86 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 3-JUL-2013.

The following have access to data associated with this certificate:

TOM BOKENFOHR

JAMES SCOTT

TIM SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH13121186

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM143018		0.97	0.663	<0.2	0.92	407	<10	130	0.7	2	0.33	<0.5	7	20	16	1.79
KAM143019		1.95	0.832	<0.2	0.54	1495	<10	160	0.9	<2	0.18	<0.5	8	13	16	1.98
KAM143020		0.05	0.002	<0.2	1.70	7	<10	110	<0.5	<2	0.93	<0.5	8	35	44	3.00
KAM143021		2.22	0.280	<0.2	0.60	1395	<10	160	0.7	<2	0.25	<0.5	6	9	12	1.76
KAM143022		0.94	2.32	<0.2	0.52	2160	<10	400	0.7	<2	0.73	<0.5	5	6	13	1.52
KAM143023		1.59	0.021	<0.2	0.95	197	<10	130	1.2	<2	3.18	<0.5	6	10	43	1.80
KAM143024		1.46	0.034	<0.2	1.05	382	<10	190	1.4	<2	1.81	<0.5	9	12	15	2.07
KAM143025		1.46	0.026	<0.2	1.15	193	<10	260	1.6	<2	1.65	<0.5	8	15	10	2.24
KAM143026		1.83	0.013	<0.2	1.33	121	<10	370	1.1	<2	1.57	<0.5	9	21	11	2.44
KAM143027		2.00	0.003	<0.2	1.09	61	<10	180	1.4	<2	2.96	<0.5	9	16	18	2.37
KAM143028		2.37	0.004	<0.2	0.88	43	<10	70	0.9	<2	2.42	<0.5	5	6	9	1.44
KAM143029		2.25	0.210	<0.2	0.63	1460	<10	130	1.0	<2	1.30	<0.5	9	10	11	2.27
KAM143030		0.05	0.771	0.6	0.66	208	<10	80	1.0	15	18.5	1.8	3	23	83	2.47
KAM143031		1.52	0.026	<0.2	0.77	295	<10	130	1.0	<2	2.59	<0.5	9	10	11	2.35
KAM143032		2.13	0.370	<0.2	0.59	1375	<10	180	0.9	<2	2.69	<0.5	8	7	9	2.33
KAM143033		1.56	0.019	<0.2	0.92	171	<10	290	1.1	<2	3.09	<0.5	9	12	9	2.40
KAM143034		2.25	0.005	<0.2	1.28	20	<10	100	0.6	<2	2.40	<0.5	7	11	37	2.06
KAM143035		2.43	0.004	<0.2	1.52	16	<10	60	0.5	<2	1.64	<0.5	8	20	15	2.15
KAM143036		2.20	0.010	<0.2	1.65	48	<10	110	0.5	<2	0.99	<0.5	10	22	14	2.40
KAM143037		2.21	0.010	<0.2	1.72	49	<10	100	<0.5	<2	1.08	<0.5	10	88	11	2.16
KAM143038		1.70	0.002	<0.2	2.39	6	<10	120	<0.5	<2	3.67	<0.5	19	339	7	1.96
KAM143039		2.63	0.015	<0.2	2.75	41	<10	270	0.7	<2	2.63	<0.5	21	262	13	2.37
KAM143040		0.05	0.002	<0.2	1.74	5	<10	110	<0.5	<2	0.94	<0.5	8	36	44	3.04
KAM143041		1.66	0.011	<0.2	2.11	58	<10	160	0.7	<2	2.46	<0.5	12	120	14	2.06
KAM143042		1.81	0.004	<0.2	2.28	28	<10	170	0.5	<2	2.99	<0.5	15	139	23	2.29
KAM143043		1.80	0.003	<0.2	2.51	12	<10	130	0.5	<2	3.40	<0.5	17	166	9	2.17
KAM143044		2.26	0.001	<0.2	1.33	10	<10	160	0.5	<2	1.86	<0.5	5	10	7	1.28
KAM143045		1.89	0.003	<0.2	1.14	19	<10	50	0.6	<2	1.91	<0.5	5	11	26	1.25
KAM143046		1.93	0.022	<0.2	0.93	56	<10	50	0.9	<2	2.28	<0.5	4	5	83	1.35
KAM143047		1.82	0.011	<0.2	1.08	43	<10	50	0.7	<2	1.41	<0.5	5	5	64	1.39
KAM143048		1.96	0.005	<0.2	1.00	21	<10	120	0.5	<2	0.90	<0.5	6	12	26	1.57
KAM143049		1.59	0.006	<0.2	0.66	65	<10	180	<0.5	<2	1.49	<0.5	5	17	13	1.83
KAM143050		0.05	9.28	1.3	1.11	17	<10	60	<0.5	<2	0.68	<0.5	11	29	56	3.26
KAM143051		1.80	0.004	<0.2	0.91	16	<10	80	<0.5	<2	1.19	<0.5	4	11	8	1.48
KAM143052		1.65	0.003	<0.2	1.18	20	<10	90	0.5	<2	1.47	<0.5	7	18	15	1.82
KAM143053		2.15	0.006	<0.2	0.90	30	<10	70	<0.5	<2	1.16	<0.5	5	14	5	1.61
KAM143054		1.73	0.009	<0.2	0.95	48	<10	120	0.7	2	1.32	<0.5	4	14	5	1.84
KAM143055		1.70	0.016	<0.2	0.72	48	<10	90	0.5	<2	0.66	<0.5	3	11	6	1.37
KAM143056		1.77	0.016	<0.2	0.83	50	<10	80	0.6	<2	0.33	<0.5	4	9	7	1.54
KAM143057		1.51	0.009	<0.2	0.98	46	<10	110	0.6	<2	0.70	<0.5	6	13	8	1.70



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CERTIFICATE OF ANALYSIS WH13121186

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
KAM143018		<10	<1	0.28	30	0.22	346	<1	0.01	17	330	14	<0.01	20	2	31
KAM143019		<10	<1	0.30	30	0.08	416	<1	<0.01	25	230	12	<0.01	50	2	50
KAM143020		10	<1	0.15	<10	0.75	448	6	0.11	31	550	<2	0.04	2	5	49
KAM143021		<10	1	0.30	30	0.05	409	<1	<0.01	16	290	10	<0.01	34	1	24
KAM143022		<10	<1	0.31	40	0.04	304	<1	<0.01	11	380	9	0.01	71	1	31
KAM143023		<10	<1	0.33	40	0.12	359	1	<0.01	16	390	12	<0.01	12	2	46
KAM143024		<10	<1	0.38	40	0.13	402	<1	<0.01	21	400	11	<0.01	27	3	31
KAM143025		<10	<1	0.34	40	0.14	302	<1	<0.01	18	420	11	<0.01	15	4	36
KAM143026		<10	<1	0.58	30	0.37	386	<1	0.02	21	410	5	<0.01	7	4	32
KAM143027		<10	<1	0.46	30	0.22	527	<1	0.01	23	380	8	0.01	4	3	47
KAM143028		<10	<1	0.33	30	0.07	266	<1	<0.01	10	340	9	<0.01	5	2	42
KAM143029		<10	<1	0.33	30	0.06	469	<1	<0.01	20	410	9	<0.01	25	3	25
KAM143030		<10	2	0.18	10	3.55	1760	66	<0.01	82	1070	20	0.62	9	4	219
KAM143031		<10	<1	0.36	30	0.09	392	<1	0.01	18	440	5	<0.01	9	3	29
KAM143032		<10	<1	0.35	30	0.07	359	<1	0.01	15	410	5	0.01	9	2	37
KAM143033		<10	<1	0.42	30	0.16	450	<1	0.01	19	420	3	<0.01	2	3	186
KAM143034		<10	<1	0.37	40	0.47	363	<1	0.02	12	390	4	<0.01	2	3	60
KAM143035		10	<1	0.33	30	0.84	374	<1	0.03	18	440	5	<0.01	2	2	32
KAM143036		10	<1	0.50	20	0.99	400	<1	0.01	24	480	3	<0.01	3	2	21
KAM143037		10	<1	0.59	30	1.34	447	<1	0.05	28	380	4	<0.01	2	4	21
KAM143038		<10	1	0.48	<10	2.60	451	<1	0.04	73	50	<2	<0.01	2	7	36
KAM143039		10	<1	0.67	10	2.57	965	<1	0.03	72	110	4	<0.01	3	7	42
KAM143040		10	<1	0.16	<10	0.76	454	6	0.11	30	560	<2	0.04	<2	5	49
KAM143041		10	<1	0.64	20	1.58	596	<1	0.02	38	270	8	<0.01	5	5	37
KAM143042		10	<1	0.91	20	2.04	572	<1	0.03	46	200	12	<0.01	2	5	44
KAM143043		10	<1	1.12	10	2.48	553	<1	0.05	59	150	8	<0.01	2	6	39
KAM143044		<10	<1	0.52	20	0.76	346	<1	0.03	9	290	2	<0.01	<2	1	25
KAM143045		<10	<1	0.40	30	0.51	333	<1	0.02	14	280	3	<0.01	2	1	20
KAM143046		<10	<1	0.37	40	0.17	277	<1	0.01	6	340	7	<0.01	5	2	23
KAM143047		<10	<1	0.43	40	0.33	294	<1	0.01	5	350	5	<0.01	3	1	21
KAM143048		<10	<1	0.47	30	0.37	275	<1	0.03	11	370	5	<0.01	2	1	39
KAM143049		10	<1	0.33	30	0.44	530	1	0.01	10	410	8	<0.01	6	2	207
KAM143050		<10	3	0.20	10	0.59	356	815	0.07	28	410	9	1.35	31	4	51
KAM143051		10	<1	0.41	40	0.40	268	1	0.04	8	350	7	<0.01	<2	1	34
KAM143052		10	<1	0.69	30	0.54	361	1	0.02	18	420	3	<0.01	<2	2	75
KAM143053		10	<1	0.44	40	0.48	302	1	0.04	8	410	11	<0.01	2	2	67
KAM143054		10	<1	0.26	40	0.43	350	1	0.03	8	470	11	<0.01	5	2	109
KAM143055		<10	<1	0.24	40	0.26	259	1	0.03	7	330	6	<0.01	3	2	40
KAM143056		<10	<1	0.26	50	0.28	215	1	0.03	6	310	9	<0.01	3	2	25
KAM143057		<10	<1	0.44	40	0.42	271	1	0.03	10	400	8	<0.01	2	2	38



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CERTIFICATE OF ANALYSIS WH13121186

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
KAM143018		<20	0.02	<10	<10	17	<10	36
KAM143019		<20	<0.01	<10	<10	8	<10	30
KAM143020		<20	0.14	<10	<10	64	<10	43
KAM143021		20	<0.01	<10	<10	6	<10	26
KAM143022		20	<0.01	<10	<10	3	<10	20
KAM143023		20	0.01	<10	<10	9	<10	34
KAM143024		20	0.01	<10	<10	11	<10	36
KAM143025		20	0.01	<10	<10	15	<10	37
KAM143026		20	0.04	<10	<10	20	<10	42
KAM143027		20	0.02	<10	<10	14	<10	39
KAM143028		20	<0.01	<10	<10	6	<10	22
KAM143029		20	<0.01	<10	<10	8	<10	32
KAM143030		<20	0.01	<10	10	167	10	437
KAM143031		<20	<0.01	<10	<10	9	<10	30
KAM143032		<20	<0.01	<10	<10	5	<10	28
KAM143033		20	0.01	<10	<10	11	<10	32
KAM143034		20	0.01	<10	<10	9	<10	50
KAM143035		20	0.05	<10	<10	15	<10	39
KAM143036		<20	0.06	<10	<10	16	<10	35
KAM143037		<20	0.07	<10	<10	28	<10	36
KAM143038		<20	0.08	<10	<10	47	<10	17
KAM143039		<20	0.07	<10	<10	42	<10	21
KAM143040		<20	0.14	<10	<10	65	<10	43
KAM143041		<20	0.04	<10	<10	30	<10	25
KAM143042		<20	0.09	<10	<10	38	<10	31
KAM143043		<20	0.09	<10	<10	42	<10	33
KAM143044		<20	0.05	<10	<10	7	<10	16
KAM143045		20	0.02	<10	<10	4	<10	14
KAM143046		20	<0.01	<10	<10	4	<10	18
KAM143047		20	0.01	<10	<10	3	<10	19
KAM143048		20	0.05	<10	<10	10	<10	28
KAM143049		<20	0.04	<10	<10	29	<10	31
KAM143050		<20	0.08	<10	<10	53	20	56
KAM143051		20	0.04	<10	<10	8	<10	34
KAM143052		20	0.05	<10	<10	17	<10	34
KAM143053		20	0.05	<10	<10	14	<10	44
KAM143054		20	0.01	<10	<10	23	<10	45
KAM143055		20	0.01	<10	<10	9	<10	29
KAM143056		20	0.01	<10	<10	7	<10	35
KAM143057		20	0.02	<10	<10	10	<10	36



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM143058		1.57	0.021	<0.2	0.86	59	<10	110	0.7	<2	0.58	<0.5	4	12	6	1.44
KAM143059		2.65	0.004	<0.2	0.92	42	<10	90	0.7	3	1.27	<0.5	4	13	6	1.63
KAM143060		0.05	0.003	<0.2	1.75	3	<10	110	<0.5	<2	1.00	<0.5	8	36	46	3.13
KAM143061		1.44	0.020	<0.2	0.96	41	<10	120	0.7	<2	0.76	<0.5	4	14	5	1.53
KAM143062		1.49	0.013	<0.2	0.89	46	<10	100	0.7	<2	0.62	<0.5	4	11	3	1.43
KAM143063		1.48	0.004	<0.2	1.03	17	<10	240	0.7	<2	2.35	<0.5	6	11	18	1.51
KAM143064		1.52	0.003	<0.2	2.45	63	<10	180	1.2	<2	5.56	<0.5	22	59	28	2.21
KAM143065		1.30	0.001	<0.2	1.21	40	<10	370	1.0	<2	3.43	<0.5	10	22	16	2.10
KAM143066		1.86	0.003	<0.2	1.10	55	<10	170	1.1	<2	5.89	<0.5	22	68	24	2.73
KAM143067		1.40	0.001	<0.2	1.40	31	<10	90	1.2	<2	4.15	<0.5	15	33	21	2.48
KAM143068		1.61	<0.001	<0.2	1.28	9	<10	160	1.0	<2	3.04	<0.5	8	22	14	2.02
KAM143069		1.53	0.001	<0.2	1.20	16	<10	140	1.0	<2	1.90	<0.5	8	18	14	2.05
KAM143070		0.05	6.18	18.2	1.24	328	<10	40	0.5	3	0.84	7.1	13	34	741	5.59
KAM143071		1.61	0.005	<0.2	0.89	83	<10	140	1.2	<2	1.14	<0.5	5	11	15	1.85
KAM143072		1.69	0.008	<0.2	1.06	143	<10	170	1.2	<2	1.47	<0.5	8	10	13	2.07
KAM143073		1.68	0.004	<0.2	0.95	71	<10	260	1.1	<2	2.08	<0.5	5	9	8	1.40
KAM143074		1.64	0.002	<0.2	1.93	20	<10	490	1.3	<2	4.03	<0.5	13	43	17	2.81
KAM143075		1.97	0.006	<0.2	2.49	81	<10	1060	1.3	<2	7.3	<0.5	30	151	35	4.64
KAM143076		1.97	0.002	<0.2	2.47	19	<10	130	1.4	<2	5.29	<0.5	27	130	10	3.54
KAM143077		1.69	0.002	<0.2	1.79	17	<10	130	1.0	<2	1.49	<0.5	11	24	14	2.15
KAM143078		1.77	0.004	<0.2	2.36	42	<10	100	1.1	<2	3.55	<0.5	14	61	24	2.70
KAM143079		1.52	0.007	<0.2	1.30	59	<10	50	0.9	<2	2.09	<0.5	6	10	29	1.49
KAM143080		0.05	0.002	<0.2	1.78	4	<10	110	<0.5	<2	1.02	<0.5	9	36	46	3.16
KAM143081		1.75	0.004	<0.2	1.25	47	<10	50	0.9	<2	2.53	<0.5	5	8	9	1.49
KAM143082		1.89	0.003	<0.2	1.95	36	<10	140	0.9	<2	5.41	<0.5	15	131	11	2.00
KAM143083		2.06	0.001	<0.2	3.05	7	<10	160	<0.5	<2	5.11	<0.5	20	169	21	2.50
KAM143084		2.13	0.001	<0.2	2.91	<2	<10	150	<0.5	<2	4.52	<0.5	17	235	16	2.24
KAM143085		1.95	0.002	<0.2	2.19	4	<10	50	<0.5	<2	3.47	<0.5	17	109	20	1.47
KAM143086		1.80	0.001	<0.2	2.13	6	<10	50	<0.5	<2	3.87	<0.5	18	76	7	1.60
KAM143087		1.86	0.001	<0.2	1.86	4	<10	160	<0.5	<2	2.33	<0.5	14	59	18	1.72
KAM143088		1.78	0.001	<0.2	2.39	3	<10	130	<0.5	<2	2.58	<0.5	17	89	27	2.64
KAM143089		2.26	<0.001	<0.2	3.06	3	<10	130	<0.5	<2	2.51	<0.5	18	236	10	1.85
KAM143090		0.05	0.829	0.7	0.65	203	<10	80	1.1	11	18.2	1.5	3	24	83	2.44
KAM143091		1.73	<0.001	<0.2	2.29	<2	<10	120	<0.5	<2	2.90	<0.5	16	242	10	1.75
KAM143092		1.56	<0.001	<0.2	1.99	3	<10	190	<0.5	<2	2.29	<0.5	13	149	15	1.06
KAM143093		2.06	0.129	<0.2	1.24	492	<10	1500	<0.5	<2	3.77	<0.5	18	79	39	1.58
KAM143094		1.97	0.021	<0.2	1.44	266	<10	50	<0.5	<2	3.83	<0.5	13	82	25	1.36
KAM143095		2.09	0.002	<0.2	1.31	10	<10	40	<0.5	<2	2.07	<0.5	12	113	31	1.21
KAM143096		2.16	0.004	<0.2	1.88	13	<10	70	<0.5	<2	3.81	<0.5	14	89	25	1.36
KAM143097		2.07	0.005	<0.2	3.71	14	<10	70	<0.5	<2	6.30	<0.5	28	274	35	3.13



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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
KAM143058		<10	<1	0.38	40	0.28	244	1	0.03	8	380	11	<0.01	3	2	30
KAM143059		10	<1	0.42	40	0.36	273	1	0.04	8	430	14	<0.01	3	2	187
KAM143060		10	<1	0.16	<10	0.78	473	7	0.12	31	570	<2	0.04	<2	5	50
KAM143061		10	<1	0.40	30	0.38	232	1	0.05	9	370	9	<0.01	2	2	45
KAM143062		10	<1	0.38	40	0.33	215	1	0.05	9	390	8	<0.01	2	2	25
KAM143063		<10	<1	0.57	40	0.36	265	1	0.03	14	310	10	<0.01	<2	3	85
KAM143064		<10	<1	0.93	10	1.73	524	<1	0.02	100	130	6	<0.01	<2	4	78
KAM143065		<10	<1	0.52	30	0.45	301	<1	0.01	31	310	16	0.01	<2	4	44
KAM143066		<10	1	0.36	20	0.61	532	<1	0.01	99	230	9	<0.01	<2	5	76
KAM143067		<10	1	0.58	30	0.61	482	1	0.01	42	320	10	<0.01	<2	6	65
KAM143068		<10	<1	0.71	30	0.55	361	<1	0.02	19	360	10	0.01	<2	4	110
KAM143069		<10	<1	0.69	40	0.40	347	1	0.03	16	360	10	0.01	<2	3	35
KAM143070		<10	1	0.17	<10	0.59	503	13	0.06	31	550	621	3.24	7	4	35
KAM143071		<10	<1	0.38	40	0.18	281	<1	0.03	10	380	13	<0.01	6	2	28
KAM143072		<10	<1	0.52	40	0.25	465	<1	0.02	10	470	13	<0.01	9	2	37
KAM143073		<10	<1	0.40	40	0.24	260	1	0.02	9	400	7	<0.01	5	2	36
KAM143074		10	<1	0.85	30	1.03	409	1	0.02	31	310	3	0.03	2	10	46
KAM143075		10	<1	1.33	10	2.32	903	1	0.02	120	160	4	0.03	7	19	93
KAM143076		10	<1	1.29	10	2.13	585	5	0.02	130	240	7	0.01	<2	16	76
KAM143077		10	<1	0.74	40	0.96	280	<1	0.01	27	400	8	<0.01	3	6	26
KAM143078		10	1	1.20	30	1.63	498	<1	0.01	38	360	31	<0.01	6	10	53
KAM143079		<10	<1	0.60	40	0.59	281	<1	0.01	10	330	5	<0.01	5	4	34
KAM143080		10	<1	0.16	<10	0.79	476	7	0.12	30	560	<2	0.04	<2	5	51
KAM143081		<10	<1	0.58	40	0.52	301	<1	0.01	8	380	9	<0.01	2	3	35
KAM143082		10	<1	0.66	20	1.60	575	<1	0.03	73	320	3	<0.01	3	8	108
KAM143083		10	<1	1.28	<10	2.60	491	<1	0.03	76	130	2	<0.01	<2	10	75
KAM143084		10	<1	0.91	<10	2.54	485	<1	0.03	68	120	<2	<0.01	<2	8	74
KAM143085		<10	<1	0.38	<10	1.95	325	<1	0.03	48	60	6	<0.01	2	5	74
KAM143086		<10	1	0.22	<10	2.08	333	<1	0.03	53	40	4	<0.01	2	5	78
KAM143087		<10	1	0.23	<10	1.71	275	1	0.05	33	120	3	<0.01	<2	5	43
KAM143088		10	<1	0.66	10	2.26	396	1	0.06	35	170	2	<0.01	<2	7	51
KAM143089		10	1	1.00	<10	2.90	270	<1	0.05	69	20	2	<0.01	<2	4	47
KAM143090		<10	3	0.18	10	3.59	1760	67	0.01	81	1050	21	0.63	8	4	216
KAM143091		<10	<1	0.39	<10	2.27	302	1	0.05	73	50	<2	<0.01	<2	5	48
KAM143092		<10	<1	0.14	<10	1.54	191	1	0.05	52	10	<2	<0.01	<2	3	53
KAM143093		<10	<1	0.17	<10	1.55	334	2	0.02	48	50	3	0.07	3	6	160
KAM143094		<10	1	0.18	<10	1.62	305	1	0.04	48	20	2	0.03	2	5	99
KAM143095		<10	1	0.10	<10	1.15	241	1	0.07	44	60	<2	<0.01	<2	4	34
KAM143096		<10	1	0.17	<10	1.46	441	1	0.04	54	10	2	<0.01	2	8	68
KAM143097		10	1	0.46	<10	4.26	672	<1	0.02	107	30	2	<0.01	<2	15	76



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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	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM143058		20	0.02	<10	<10	8	<10	35
KAM143059		20	0.02	<10	<10	15	<10	45
KAM143060		<20	0.14	<10	<10	66	<10	44
KAM143061		20	0.02	<10	<10	12	<10	36
KAM143062		20	0.02	<10	<10	7	<10	35
KAM143063		20	0.02	<10	<10	14	<10	46
KAM143064		<20	0.02	<10	<10	16	<10	42
KAM143065		<20	0.02	<10	<10	20	<10	36
KAM143066		<20	0.01	<10	<10	23	<10	47
KAM143067		<20	0.02	<10	<10	24	<10	34
KAM143068		20	0.05	<10	<10	25	<10	37
KAM143069		20	0.05	<10	<10	17	<10	40
KAM143070		<20	0.06	<10	<10	45	<10	1350
KAM143071		20	0.02	<10	<10	10	<10	39
KAM143072		20	0.02	<10	<10	11	<10	41
KAM143073		20	0.01	<10	<10	9	<10	25
KAM143074		<20	0.05	<10	<10	48	<10	36
KAM143075		<20	0.08	<10	<10	165	<10	42
KAM143076		<20	0.06	<10	<10	99	<10	40
KAM143077		20	0.04	<10	<10	22	<10	26
KAM143078		<20	0.06	<10	<10	41	<10	98
KAM143079		20	0.03	<10	<10	11	<10	30
KAM143080		<20	0.15	<10	<10	67	<10	44
KAM143081		20	0.03	<10	<10	9	<10	22
KAM143082		<20	0.03	<10	<10	38	<10	27
KAM143083		<20	0.06	<10	<10	66	<10	26
KAM143084		<20	0.05	<10	<10	50	<10	24
KAM143085		<20	0.04	<10	<10	27	<10	17
KAM143086		<20	0.02	<10	<10	26	<10	18
KAM143087		<20	0.05	<10	<10	44	<10	17
KAM143088		<20	0.08	<10	<10	75	<10	27
KAM143089		<20	0.05	<10	<10	30	<10	23
KAM143090		<20	0.01	<10	10	169	10	434
KAM143091		<20	0.04	<10	<10	30	<10	22
KAM143092		<20	0.02	<10	<10	14	<10	12
KAM143093		<20	0.04	<10	<10	25	<10	16
KAM143094		<20	0.03	<10	<10	21	<10	13
KAM143095		<20	0.04	<10	<10	22	<10	11
KAM143096		<20	0.02	<10	<10	27	<10	14
KAM143097		<20	0.03	<10	<10	68	<10	35



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM143098		1.58	0.002	<0.2	2.63	11	<10	70	<0.5	<2	5.12	<0.5	25	165	93	2.26
KAM143099		1.69	0.001	<0.2	2.11	11	<10	30	<0.5	<2	3.81	<0.5	21	113	39	1.40
KAM143100		0.04	0.003	<0.2	1.76	3	<10	110	<0.5	<2	1.01	<0.5	9	37	46	3.17
KAM143101		1.46	0.002	<0.2	2.64	11	<10	50	<0.5	<2	4.73	<0.5	25	208	61	2.41
KAM143102		1.48	0.001	<0.2	2.60	14	<10	70	<0.5	<2	5.07	<0.5	25	159	97	2.21
KAM143103		1.84	0.048	<0.2	0.73	577	<10	140	1.1	<2	2.48	<0.5	9	13	13	2.58



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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
KAM143098		<10	1	0.31	<10	2.99	428	<1	0.02	85	20	<2	0.10	<2	8	73
KAM143099		<10	<1	0.11	<10	1.97	380	1	0.03	70	10	2	<0.01	<2	7	88
KAM143100		10	2	0.16	<10	0.80	475	7	0.12	31	560	3	0.04	<2	5	51
KAM143101		<10	1	0.21	<10	2.69	484	<1	0.04	89	80	<2	<0.01	<2	9	78
KAM143102		<10	1	0.30	<10	2.92	422	<1	0.03	84	20	2	0.10	<2	8	74
KAM143103		<10	1	0.37	30	0.10	479	1	0.01	20	440	6	<0.01	17	3	28



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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	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM143098		<20	0.03	<10	<10	50	<10	21
KAM143099		<20	0.03	<10	<10	31	<10	13
KAM143100		<20	0.15	<10	<10	68	<10	45
KAM143101		<20	0.10	<10	<10	59	<10	31
KAM143102		<20	0.03	<10	<10	50	<10	21
KAM143103		<20	<0.01	<10	<10	10	<10	32



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.		
	CRU-31	CRU-QC	LOG-21
	PUL-31	PUL-QC	SPL-21
			LOG-23
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	ME-ICP41	