



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: 18-AUG-2013
Account: KAMGOL

CERTIFICATE WH13140652

Project: Coffee

P.O. No.: KGC-13-1288

This report is for 48 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 5-AUG-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
1020 - 800 WEST PENDER STREET
VANCOUVER BC V6C 2V6

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 WH13140652

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
KAM123817		2.44	0.001	<0.2	1.81	<2	<10	130	1.0	3	1.12	<0.5	17	14	27	3.75
KAM123818		1.99	0.001	<0.2	1.74	10	<10	60	1.8	<2	2.34	<0.5	16	185	7	2.61
KAM123819		1.82	0.002	<0.2	0.84	7	<10	40	0.7	<2	1.33	<0.5	7	33	11	1.46
KAM123820		0.04	0.002	<0.2	1.75	5	<10	110	<0.5	<2	0.94	<0.5	9	36	44	3.11
KAM123821		2.23	0.001	<0.2	2.63	<2	<10	280	1.4	<2	3.36	<0.5	26	90	26	3.92
KAM123822		2.47	<0.001	<0.2	3.36	<2	<10	190	1.2	2	3.45	<0.5	30	103	35	4.30
KAM123823		1.09	0.001	<0.2	0.56	<2	<10	40	<0.5	<2	0.58	<0.5	3	17	7	0.94
KAM123824		2.59	0.001	<0.2	0.33	7	<10	1890	<0.5	<2	2.46	<0.5	2	15	5	0.93
KAM123825		2.44	<0.001	<0.2	0.40	2	<10	50	<0.5	2	0.47	<0.5	1	17	4	0.73
KAM123826		2.51	0.001	<0.2	2.20	4	<10	380	1.3	<2	2.21	<0.5	18	14	15	3.55
KAM123827		2.86	0.001	<0.2	2.57	<2	<10	340	0.9	<2	2.96	<0.5	22	21	20	4.11
KAM123828		2.24	0.001	<0.2	3.39	3	<10	790	0.9	3	2.71	<0.5	30	41	30	4.63
KAM123829		2.46	<0.001	<0.2	0.51	5	<10	40	<0.5	<2	0.56	<0.5	2	15	4	0.84
KAM123830		0.04	2.19	0.3	1.78	7	<10	110	<0.5	2	0.94	<0.5	12	31	32	2.94
KAM123831		2.95	0.001	<0.2	1.26	3	<10	80	0.5	<2	1.14	<0.5	10	24	5	1.72
KAM123832		2.37	0.001	<0.2	1.93	8	<10	120	0.5	<2	2.65	<0.5	13	42	20	2.92
KAM123833		1.63	<0.001	<0.2	1.33	4	<10	60	0.7	<2	1.53	<0.5	8	45	9	1.76
KAM123834		2.22	0.001	<0.2	0.56	3	<10	30	0.7	<2	1.42	<0.5	5	22	10	1.10
KAM123835		2.50	0.001	<0.2	0.57	7	<10	30	0.8	<2	0.85	<0.5	6	26	9	1.09
KAM123836		2.48	0.001	<0.2	0.42	4	<10	40	0.5	<2	1.11	<0.5	5	22	5	0.92
KAM123837		2.11	0.002	<0.2	1.06	12	<10	20	1.7	<2	2.56	<0.5	15	56	5	2.37
KAM123838		2.71	0.001	<0.2	1.49	16	<10	40	2.1	<2	2.58	<0.5	15	59	13	2.91
KAM123839		2.17	0.001	<0.2	2.13	4	<10	200	1.7	<2	4.01	<0.5	21	75	15	3.96
KAM123840		0.04	0.003	<0.2	1.75	4	<10	100	<0.5	<2	0.99	<0.5	8	37	45	2.97
KAM123841		2.96	<0.001	<0.2	2.49	5	<10	130	1.5	2	4.05	<0.5	22	110	14	3.59
KAM123842		2.52	0.001	<0.2	0.81	19	<10	20	1.4	<2	2.57	<0.5	8	40	17	1.81
KAM123843		2.21	0.001	<0.2	0.43	8	<10	10	0.8	<2	1.36	<0.5	3	15	5	0.84
KAM123844		2.43	<0.001	<0.2	0.25	10	<10	<10	<0.5	<2	0.41	<0.5	1	12	4	0.55
KAM123845		2.40	<0.001	<0.2	0.63	7	<10	<10	1.0	<2	1.48	<0.5	5	29	6	1.08
KAM123846		2.24	0.001	<0.2	0.38	7	<10	<10	0.6	<2	1.14	<0.5	2	11	4	0.78
KAM123847		1.96	<0.001	<0.2	0.58	4	<10	10	0.8	<2	1.22	<0.5	4	23	7	1.05
KAM123848		2.17	<0.001	<0.2	0.46	7	<10	10	0.5	<2	1.59	<0.5	1	10	3	0.32
KAM123849		2.39	<0.001	<0.2	0.43	6	<10	10	0.5	<2	0.45	<0.5	1	9	4	0.25
KAM123850		0.04	9.37	1.4	1.18	17	<10	50	<0.5	2	0.71	<0.5	12	31	56	3.23
KAM123851		2.13	0.002	<0.2	1.57	9	<10	40	1.3	<2	1.90	<0.5	9	26	8	1.79
KAM123852		2.88	<0.001	<0.2	2.74	7	<10	180	1.3	<2	3.20	<0.5	25	176	20	3.68
KAM123853		2.12	0.001	<0.2	0.61	9	<10	2120	0.7	<2	1.00	<0.5	5	26	9	0.94
KAM123854		2.18	<0.001	<0.2	0.84	13	<10	30	1.2	<2	2.33	<0.5	7	34	10	1.71
KAM123855		2.35	0.001	<0.2	0.68	13	<10	20	0.5	<2	1.31	<0.5	1	9	3	0.63
KAM123856		2.55	<0.001	<0.2	0.85	63	<10	60	1.1	<2	4.13	<0.5	13	110	14	2.04



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		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
KAM123817		10	<1	1.39	40	1.13	528	1	0.05	4	1400	7	0.03	<2	3
KAM123818		10	1	1.53	20	1.69	545	2	0.05	65	380	10	0.01	2	7
KAM123819		<10	<1	0.60	20	0.58	333	3	0.06	8	230	11	0.01	<2	3
KAM123820		10	<1	0.16	<10	0.77	447	7	0.11	29	580	3	0.04	<2	5
KAM123821		10	<1	2.11	10	2.37	755	<1	0.04	29	930	5	0.07	<2	4
KAM123822		10	1	2.68	<10	3.06	843	<1	0.03	36	1100	6	0.12	<2	4
KAM123823		<10	<1	0.30	20	0.27	192	2	0.07	6	170	12	0.02	<2	1
KAM123824		<10	<1	0.20	30	0.11	351	3	0.05	3	130	13	0.05	<2	1
KAM123825		<10	<1	0.19	20	0.11	154	3	0.10	3	120	7	0.01	<2	1
KAM123826		10	<1	1.46	20	1.64	678	1	0.05	10	880	8	0.05	<2	4
KAM123827		10	<1	1.10	20	2.12	779	1	0.05	15	1000	5	0.04	<2	7
KAM123828		10	<1	2.35	10	2.86	806	<1	0.05	24	1470	4	0.09	<2	4
KAM123829		<10	<1	0.23	20	0.21	161	2	0.07	3	120	12	0.01	<2	1
KAM123830		10	<1	0.15	<10	0.84	440	3	0.10	24	630	6	0.05	2	5
KAM123831		<10	<1	0.82	20	0.99	304	1	0.05	8	380	6	0.02	<2	2
KAM123832		10	<1	1.24	20	1.41	544	1	0.05	12	700	5	0.05	<2	5
KAM123833		<10	<1	0.93	20	0.90	353	1	0.06	20	260	16	0.04	<2	3
KAM123834		<10	<1	0.42	20	0.36	249	2	0.05	8	230	7	0.11	<2	2
KAM123835		<10	<1	0.42	20	0.32	187	4	0.06	12	130	5	0.21	<2	2
KAM123836		<10	<1	0.34	20	0.25	244	3	0.06	7	120	5	0.12	<2	2
KAM123837		<10	<1	0.64	20	0.99	525	2	0.04	18	330	7	0.16	2	6
KAM123838		10	<1	0.95	20	1.25	663	1	0.04	20	550	5	0.03	2	8
KAM123839		10	<1	1.48	20	1.96	860	1	0.03	39	780	7	0.09	<2	11
KAM123840		10	<1	0.15	<10	0.75	463	7	0.11	31	560	2	0.04	<2	5
KAM123841		10	<1	2.01	10	2.50	819	2	0.02	45	510	5	0.04	<2	10
KAM123842		<10	<1	0.58	10	1.01	422	3	0.01	17	350	8	0.04	3	5
KAM123843		<10	1	0.23	20	0.33	234	3	0.05	7	130	5	0.01	<2	1
KAM123844		<10	<1	0.13	20	0.11	90	3	0.06	2	40	6	0.05	<2	<1
KAM123845		<10	<1	0.37	20	0.54	251	2	0.03	14	90	7	0.05	<2	2
KAM123846		<10	<1	0.08	20	0.33	148	3	0.04	5	50	5	0.13	<2	1
KAM123847		<10	<1	0.37	20	0.38	278	3	0.06	8	110	13	0.05	<2	2
KAM123848		<10	<1	0.23	20	0.09	135	3	0.04	1	30	21	0.02	<2	<1
KAM123849		<10	<1	0.18	20	0.05	87	2	0.04	2	30	12	0.01	<2	<1
KAM123850		<10	3	0.20	10	0.60	369	829	0.08	28	420	8	1.37	29	4
KAM123851		<10	<1	0.90	10	0.98	395	3	0.02	8	370	17	0.09	<2	5
KAM123852		10	<1	2.27	10	2.87	702	1	0.04	41	790	5	0.23	<2	7
KAM123853		<10	<1	0.33	20	0.46	198	4	0.05	10	110	9	0.09	3	1
KAM123854		<10	<1	0.16	10	0.77	348	2	<0.01	11	210	12	0.05	7	7
KAM123855		<10	1	0.13	20	0.44	137	2	<0.01	3	20	15	0.01	3	1
KAM123856		<10	1	0.09	10	1.28	507	3	0.01	29	120	11	0.17	8	10



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CERTIFICATE OF ANALYSIS WH13140652

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
KAM123817		20	0.22	<10	<10	120	<10	51
KAM123818		30	0.12	<10	<10	63	<10	39
KAM123819		30	0.06	<10	<10	25	<10	18
KAM123820		<20	0.14	<10	<10	64	<10	42
KAM123821		<20	0.33	<10	<10	92	<10	52
KAM123822		<20	0.35	<10	<10	93	<10	59
KAM123823		40	0.04	<10	<10	10	<10	12
KAM123824		30	0.01	<10	<10	13	<10	10
KAM123825		30	0.01	<10	<10	5	<10	8
KAM123826		20	0.17	<10	<10	67	<10	50
KAM123827		<20	0.15	<10	<10	82	<10	56
KAM123828		<20	0.35	<10	<10	89	<10	68
KAM123829		30	0.01	<10	<10	7	<10	12
KAM123830		<20	0.15	<10	<10	70	20	50
KAM123831		30	0.13	<10	10	27	<10	25
KAM123832		20	0.14	<10	<10	54	<10	40
KAM123833		30	0.07	<10	<10	27	<10	26
KAM123834		30	0.02	<10	<10	10	<10	12
KAM123835		30	0.02	<10	<10	10	<10	14
KAM123836		40	0.01	<10	<10	7	<10	10
KAM123837		20	0.03	<10	10	44	<10	36
KAM123838		20	0.06	<10	10	63	<10	46
KAM123839		20	0.15	<10	<10	100	<10	58
KAM123840		<20	0.15	<10	<10	67	<10	44
KAM123841		<20	0.16	<10	10	70	<10	51
KAM123842		20	0.03	<10	<10	29	<10	27
KAM123843		30	<0.01	<10	<10	8	<10	12
KAM123844		40	<0.01	<10	<10	2	<10	5
KAM123845		30	0.02	<10	<10	13	<10	12
KAM123846		30	<0.01	<10	<10	4	<10	7
KAM123847		30	0.02	<10	<10	11	<10	15
KAM123848		40	<0.01	<10	<10	1	<10	3
KAM123849		40	<0.01	<10	<10	1	<10	3
KAM123850		<20	0.09	<10	<10	57	20	56
KAM123851		30	0.08	<10	10	39	<10	23
KAM123852		<20	0.24	<10	<10	92	<10	51
KAM123853		30	0.04	<10	<10	11	<10	11
KAM123854		30	0.01	<10	10	37	<10	22
KAM123855		40	<0.01	<10	<10	3	<10	5
KAM123856		30	<0.01	<10	10	45	<10	28



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		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM123857		2.36	<0.001	<0.2	0.69	3800	<10	10	0.6	<2	2.16	<0.5	5	19	6	1.54
KAM123858		2.28	0.008	<0.2	0.71	7430	10	580	1.1	<2	2.48	<0.5	16	41	15	3.46
KAM123859		1.87	1.090	<0.2	0.74	9140	10	1300	1.9	2	0.49	<0.5	26	62	22	5.39
KAM123860		0.04	0.002	<0.2	1.83	14	<10	100	<0.5	<2	1.04	<0.5	8	39	47	3.11
KAM123861		2.05	0.666	<0.2	0.95	2650	10	330	2.2	<2	0.17	0.5	23	49	20	3.98
KAM123862		2.27	0.034	<0.2	0.70	1075	<10	110	1.0	<2	0.10	<0.5	5	18	8	1.58
KAM123863		2.28	0.002	<0.2	1.95	27	<10	190	1.6	<2	3.79	<0.5	19	57	12	3.86
KAM123864		1.76	1.025	<0.2	0.60	9440	10	1540	1.8	<2	0.51	<0.5	26	60	23	5.26



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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
KAM123857		<10	3	0.11	10	0.73	295	2	<0.01	11	50	14	0.65	10	4	80
KAM123858		<10	6	0.12	10	0.67	833	3	<0.01	19	150	16	0.25	21	10	131
KAM123859		<10	9	0.17	10	0.08	1725	4	<0.01	37	270	24	0.04	54	17	63
KAM123860		10	<1	0.16	<10	0.78	492	7	0.12	32	570	4	0.05	<2	5	53
KAM123861		<10	4	0.14	10	0.05	895	4	<0.01	25	330	32	0.01	95	14	50
KAM123862		<10	2	0.10	10	0.03	321	2	<0.01	10	210	11	0.01	28	3	34
KAM123863		10	<1	1.33	20	1.72	813	1	0.04	32	800	6	0.10	<2	10	115
KAM123864		<10	9	0.15	10	0.08	1635	4	<0.01	34	270	24	0.04	53	17	66



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
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Project: Coffee

CERTIFICATE OF ANALYSIS WH13140652

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
KAM123857		30	<0.01	<10	<10	14	<10	25
KAM123858		20	<0.01	<10	70	35	<10	50
KAM123859		<20	<0.01	10	160	63	<10	118
KAM123860		<20	0.16	<10	<10	71	<10	47
KAM123861		<20	<0.01	10	130	64	<10	142
KAM123862		30	<0.01	<10	70	20	<10	26
KAM123863		20	0.14	<10	10	95	<10	53
KAM123864		<20	<0.01	10	160	62	<10	116



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CERTIFICATE OF ANALYSIS WH13140652

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	