



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

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Plus Appendix Pages  
Finalized Date: 18-JUL-2014  
Account: KAMGOL

**CERTIFICATE WH14099751**

Project: Coffee

P.O. No.: KGC-14-1050

This report is for 25 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26-JUN-2014.

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
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
LOG-23	Pulp Login - Rcvd with Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
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 WH14099751**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	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
		0.02	0.001	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
Q030188		1.41	<0.001		<0.2	0.74	63	<10	90	0.9	<2	0.58	<0.5	7	26	5
Q030189		0.76	0.592		0.9	0.11	83	<10	60	<0.5	<2	0.10	<0.5	6	19	5
Q030190		0.04	9.78		1.1	1.19	19	<10	50	<0.5	<2	0.74	<0.5	11	30	54
Q030191		0.71	0.003		<0.2	1.19	32	<10	100	0.6	<2	0.04	<0.5	5	14	1
Q030192		1.13	>10.0	76.6	>100	0.09	142	<10	330	<0.5	79	0.01	<0.5	2	15	526
Q030193		1.03	0.068		0.5	1.70	49	<10	250	0.9	<2	0.05	<0.5	2	3	22
Q030194		0.94	0.960		>100	0.10	342	<10	160	<0.5	58	0.01	10.1	<1	19	677
Q030195		1.17	0.287		0.5	1.34	796	<10	120	2.1	<2	0.17	<0.5	17	27	16
Q030196		1.02	0.001		0.2	0.72	42	<10	70	0.7	<2	0.01	<0.5	2	4	2
Q030197		1.38	1.685		0.5	0.56	1610	10	100	1.4	<2	0.09	1.6	2	4	6
Q030198		1.03	0.417		0.8	0.82	3070	10	120	1.0	<2	0.06	1.0	6	2	32
Q030199		0.69	0.073		0.4	0.70	2120	10	160	1.4	<2	0.08	0.9	1	4	2
Q030200		1.10	1.055		0.2	0.75	671	10	60	1.1	<2	0.03	0.7	1	3	2
Q030732		0.48	0.020		<0.2	1.59	222	<10	110	1.6	<2	0.09	<0.5	14	61	12
Q030733		0.45	0.418		<0.2	0.68	896	10	320	1.2	<2	0.04	1.2	17	42	38
Q030734		0.87	>10.0	13.50	>100	0.22	605	<10	30	<0.5	21	0.03	2.2	2	15	3050
Q030735		0.96	0.095		3.3	0.32	28	<10	30	<0.5	<2	0.01	<0.5	1	16	323
Q030736		1.38	1.645		>100	0.18	1630	<10	70	<0.5	45	0.06	79.1	1	20	2870
Q030737		1.04	>10.0	10.90	>100	0.23	2860	<10	200	<0.5	1125	0.04	97.5	2	9	>10000
Q030738		0.79	0.925		>100	0.12	1540	<10	90	<0.5	13	1.24	222	8	13	>10000
Q030739		0.69	0.007		6.1	1.70	111	<10	50	3.5	3	0.15	<0.5	11	49	71
Q030740		0.61	>10.0	17.50	>100	0.17	1640	<10	110	<0.5	171	0.22	915	1	9	1060
Q030741		0.70	2.90		>100	0.18	2930	<10	400	<0.5	4	0.02	115.5	2	12	>10000
Q030742		1.10	3.16		>100	0.17	598	<10	780	<0.5	33	0.14	72.9	3	16	6470
Q030743		0.95	0.413		45.4	0.20	39	<10	590	<0.5	57	0.01	1.3	1	22	83



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Project: Coffee

**CERTIFICATE OF ANALYSIS WH14099751**

Sample Description	Method Analyte Units LOR	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
Q030188		2.56	<10	<1	0.14	10	0.06	725	19	0.01	12	270	9	0.01	28	5
Q030189		1.28	<10	<1	0.12	10	<0.01	84	19	0.01	2	30	45	0.19	3	<1
Q030190		3.40	<10	4	0.21	10	0.63	369	838	0.08	28	440	9	1.41	32	4
Q030191		0.93	<10	<1	0.22	20	0.03	245	<1	0.01	6	250	4	0.01	7	6
Q030192		3.56	<10	1	0.02	<10	0.01	95	21	0.01	2	1870	>10000	0.24	177	<1
Q030193		2.44	<10	1	0.04	20	0.02	307	<1	0.01	3	380	67	0.01	29	1
Q030194		0.96	<10	1	0.07	10	<0.01	81	18	<0.01	2	40	4180	0.06	250	<1
Q030195		5.00	<10	1	0.18	20	0.06	779	<1	0.01	24	950	30	0.02	14	13
Q030196		1.68	<10	<1	0.33	30	0.03	342	<1	0.01	1	160	20	<0.01	4	1
Q030197		1.91	<10	1	0.33	60	0.03	332	1	0.01	2	220	86	0.01	16	1
Q030198		5.04	<10	1	0.66	60	0.04	153	3	0.01	1	210	109	0.08	15	1
Q030199		2.08	<10	1	0.46	60	0.03	144	1	0.01	1	290	54	0.01	4	1
Q030200		1.54	<10	1	0.41	40	0.03	81	1	0.01	1	170	129	0.01	11	<1
Q030732		3.98	<10	1	0.14	10	0.06	959	<1	0.01	21	480	14	0.01	18	16
Q030733		3.69	<10	1	0.26	20	0.07	1505	<1	0.01	46	400	22	0.01	35	8
Q030734		1.70	<10	9	0.17	10	<0.01	78	135	0.01	3	60	7290	0.03	183	1
Q030735		0.76	<10	<1	0.30	30	0.03	104	4	0.01	2	90	1380	0.01	7	1
Q030736		0.99	<10	33	0.21	10	0.01	68	12	0.01	2	60	>10000	0.09	7770	2
Q030737		0.90	<10	63	0.10	10	0.01	126	110	<0.01	1	60	>10000	0.21	9670	1
Q030738		2.48	<10	11	0.15	10	0.13	545	18	0.01	2	70	5430	0.66	9220	5
Q030739		8.90	<10	<1	0.06	20	0.04	198	2	0.01	13	880	208	0.01	27	27
Q030740		1.00	<10	324	0.05	10	0.01	94	5	0.01	1	80	>10000	0.15	>10000	<1
Q030741		1.48	<10	15	0.12	<10	0.01	214	23	0.01	1	50	>10000	0.07	>10000	2
Q030742		1.06	<10	5	0.15	10	0.01	136	8	0.01	2	20	8040	0.35	3340	1
Q030743		0.94	<10	1	0.24	10	<0.01	125	22	0.01	2	20	6250	0.08	89	1



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Sample Description	Method Analyte Units LOR	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.001	Pb-OG46 Pb % 0.001	Ag-GRA21 Ag ppm 5	Ag-OG46 Ag ppm 1
Q030188		15	20	0.01	<10	<10	45	<10	58				
Q030189		9	<20	<0.01	<10	<10	1	150	18				
Q030190		55	<20	0.09	<10	<10	57	30	61				
Q030191		63	20	<0.01	<10	<10	13	<10	26				
Q030192		271	<20	<0.01	<10	<10	4	460	11		2.25		146
Q030193		11	20	<0.01	<10	<10	8	30	48				
Q030194		8	<20	<0.01	<10	<10	1	200	72				136
Q030195		81	20	0.01	<10	10	89	<10	73				
Q030196		35	20	<0.01	<10	<10	5	<10	40				
Q030197		12	30	<0.01	<10	40	3	<10	70				
Q030198		40	40	<0.01	<10	20	3	<10	61				
Q030199		11	30	<0.01	<10	40	2	<10	93				
Q030200		7	30	<0.01	<10	30	3	<10	70				
Q030732		36	<20	0.01	<10	<10	86	<10	74				
Q030733		86	<20	0.01	<10	<10	67	10	98				
Q030734		10	<20	<0.01	<10	<10	1	1000	45				363
Q030735		6	20	<0.01	<10	<10	3	30	39				
Q030736		18	<20	<0.01	<10	<10	1	1720	175		2.08		1200
Q030737		38	<20	<0.01	<10	10	<1	410	721	2.74	14.90	3540	>1500
Q030738		23	<20	<0.01	<10	<10	1	1520	1895	1.530		1635	>1500
Q030739		16	<20	<0.01	<10	<10	133	<10	93				
Q030740		11	<20	<0.01	<10	<10	1	<10	69		5.53	7630	>1500
Q030741		13	<20	<0.01	<10	10	1	330	267	1.470	7.33	2210	>1500
Q030742		56	<20	<0.01	<10	<10	1	260	700				593
Q030743		91	<20	<0.01	<10	<10	1	110	16				



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**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	BAG-01	CRU-31	CRU-QC	LOG-22
	LOG-23	PUL-32m	PUL-QC	SPL-21
	WEI-21			
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-GRA21	Ag-OG46	Au-GRA21	Au-ICP21
	Cu-OG46	ME-ICP41	ME-OG46	Pb-OG46