



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: 2-AUG-2014  
Account: KAMGOL

**CERTIFICATE WH14110053**

Project: Coffee

P.O. No.: KGC-14-1085

This report is for 22 Trench samples submitted to our lab in Whitehorse, YT, Canada on 24-JUL-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-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	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 WH14110053**

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
Q032349		2.00	<0.001	<0.2	1.43	183	<10	190	1.6	<2	0.14	<0.5	17	42	27	3.38
Q032350		0.07	0.757	0.8	0.72	215	<10	80	1.1	15	18.0	1.6	3	25	83	2.46
Q032351		3.05	0.001	<0.2	1.08	207	<10	240	1.3	<2	0.16	<0.5	14	22	11	2.98
Q032352		1.95	<0.001	<0.2	1.82	12	<10	250	0.5	<2	0.68	<0.5	13	37	12	2.53
Q032353		2.03	0.002	<0.2	2.45	51	<10	330	1.0	<2	0.68	<0.5	22	50	113	5.37
Q032354		2.76	0.001	<0.2	1.22	64	<10	190	0.8	<2	0.23	<0.5	9	33	17	2.08
Q032355		2.31	0.001	<0.2	2.13	77	<10	310	1.2	<2	0.41	<0.5	15	66	6	3.32
Q032356		2.90	0.001	<0.2	1.12	155	<10	480	1.1	<2	0.29	<0.5	8	24	7	2.33
Q032357		2.29	0.001	<0.2	0.80	14	<10	110	0.5	<2	0.12	<0.5	5	26	5	1.55
Q032358		2.19	0.002	<0.2	0.73	54	<10	130	0.5	<2	0.10	<0.5	4	19	10	1.45
Q032359		3.14	0.001	<0.2	0.74	220	<10	90	0.7	<2	0.06	<0.5	2	16	4	1.17
Q032360		0.07	0.001	<0.2	1.47	4	<10	110	<0.5	<2	1.13	<0.5	9	36	47	2.88
Q032361		2.69	0.009	<0.2	0.84	315	<10	230	0.9	<2	0.09	<0.5	2	8	8	1.33
Q032362		1.68	<0.001	<0.2	0.81	80	<10	120	0.6	<2	0.13	<0.5	2	8	4	1.05
Q032363		3.39	0.002	<0.2	0.60	94	<10	90	0.6	<2	0.10	<0.5	2	8	6	1.01
Q032364		2.30	0.003	<0.2	0.81	69	<10	110	0.8	<2	0.11	<0.5	3	10	3	1.43
Q032365		2.73	2.14	0.2	0.65	2340	<10	180	2.1	<2	0.15	<0.5	9	39	9	3.98
Q032366		1.90	0.007	<0.2	1.07	277	<10	160	1.0	<2	0.16	<0.5	10	23	17	2.37
Q032367		2.10	0.005	<0.2	0.65	82	<10	100	0.5	<2	0.10	<0.5	4	10	8	1.27
Q032368		1.97	0.004	<0.2	0.89	826	<10	240	1.2	<2	0.16	<0.5	6	13	7	2.36
Q032369		2.11	0.002	<0.2	0.41	21	<10	60	<0.5	<2	0.05	<0.5	2	8	12	0.92
Q032370		0.08	6.08	18.7	1.36	354	<10	30	0.5	6	0.87	7.5	13	37	754	5.87



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Project: Coffee

**CERTIFICATE OF ANALYSIS WH14110053**

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
Q032349		<10	<1	0.39	50	0.22	482	<1	0.01	44	400	70	<0.01	30	7	9
Q032350		<10	1	0.19	20	3.56	1790	65	0.01	86	1090	21	0.65	9	4	219
Q032351		<10	<1	0.37	50	0.09	593	<1	0.01	38	430	13	<0.01	42	3	10
Q032352		10	<1	0.81	20	0.88	510	<1	0.04	39	550	8	0.01	3	2	45
Q032353		10	<1	1.16	20	1.33	1495	2	0.05	58	490	8	0.01	4	4	57
Q032354		<10	<1	0.38	50	0.35	560	<1	0.02	24	400	11	<0.01	5	3	27
Q032355		10	<1	0.99	40	1.29	1035	<1	0.03	63	530	7	<0.01	9	5	24
Q032356		<10	<1	0.34	40	0.25	720	<1	0.02	24	350	10	0.01	21	3	33
Q032357		<10	<1	0.38	30	0.39	378	<1	0.04	15	160	4	<0.01	2	2	11
Q032358		<10	<1	0.33	40	0.25	366	<1	0.03	11	220	7	<0.01	10	1	14
Q032359		<10	<1	0.19	30	0.06	321	<1	0.01	7	170	7	<0.01	48	1	10
Q032360		10	<1	0.10	10	0.74	469	4	0.09	30	570	4	0.06	<2	4	46
Q032361		<10	<1	0.30	50	0.06	546	<1	0.01	7	240	13	<0.01	64	1	21
Q032362		<10	<1	0.29	50	0.16	177	<1	0.05	3	250	10	<0.01	22	1	11
Q032363		<10	<1	0.19	30	0.09	202	<1	0.08	4	180	11	<0.01	42	1	9
Q032364		<10	<1	0.31	30	0.20	339	<1	0.07	3	270	13	<0.01	16	2	9
Q032365		<10	3	0.33	40	0.06	435	2	0.01	17	400	21	<0.01	77	3	14
Q032366		<10	<1	0.49	50	0.31	445	<1	0.03	14	440	13	<0.01	27	4	13
Q032367		<10	<1	0.33	30	0.17	228	<1	0.04	5	290	9	<0.01	12	1	13
Q032368		<10	1	0.38	60	0.18	642	1	0.01	6	410	21	<0.01	15	3	33
Q032369		<10	<1	0.22	20	0.08	189	<1	0.08	3	90	9	<0.01	4	1	8
Q032370		<10	<1	0.18	10	0.62	495	12	0.08	32	590	652	3.52	11	5	36



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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
Q032349		20	0.02	<10	<10	46	<10	70
Q032350		<20	0.01	<10	10	172	10	457
Q032351		20	0.01	<10	<10	30	<10	46
Q032352		<20	0.12	<10	<10	30	<10	32
Q032353		<20	0.16	<10	<10	50	<10	43
Q032354		30	0.04	<10	<10	28	<10	24
Q032355		20	0.13	<10	<10	36	<10	47
Q032356		20	0.03	<10	<10	24	<10	25
Q032357		20	0.03	<10	<10	14	<10	17
Q032358		30	0.02	<10	<10	13	<10	19
Q032359		30	<0.01	<10	<10	18	<10	19
Q032360		<20	0.15	<10	<10	61	<10	44
Q032361		30	<0.01	<10	<10	20	<10	18
Q032362		40	0.01	<10	<10	7	<10	17
Q032363		40	<0.01	<10	<10	7	<10	13
Q032364		40	0.02	<10	<10	10	<10	23
Q032365		<20	<0.01	<10	10	39	<10	52
Q032366		30	0.03	<10	<10	24	<10	32
Q032367		30	0.01	<10	<10	8	<10	15
Q032368		30	0.01	<10	<10	16	<10	32
Q032369		40	0.01	<10	<10	4	<10	10
Q032370		<20	0.07	<10	<10	48	<10	1310



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**CERTIFICATE OF ANALYSIS WH14110053**

**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-23	PUL-32m	PUL-QC
	WEI-21		
			LOG-21
			SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-ICP21	ME-ICP41	