



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: 24-JUL-2014  
Account: KAMGOL

**CERTIFICATE WH14104121**

Project: Coffee

P.O. No.: KGC-14-1060

This report is for 100 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-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-AA13	Au by cyanide leach and AAS	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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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 WH14104121**

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
Q038582		1.14	0.001	0.2	0.66	5	<10	70	<0.5	<2	0.15	<0.5	2	9	5	1.54
Q038583		1.17	0.004	0.2	0.84	10	<10	90	0.7	<2	0.16	<0.5	3	9	3	1.68
Q038584		1.43	0.003	<0.2	0.64	4	<10	70	0.5	<2	0.07	<0.5	2	12	3	1.33
Q038585		1.57	0.006	<0.2	0.62	11	<10	90	0.5	<2	0.07	<0.5	4	15	3	1.35
Q038586		2.19	0.002	<0.2	1.14	7	<10	170	0.9	<2	1.15	<0.5	5	8	2	2.16
Q038587		2.58	0.008	<0.2	0.95	13	<10	150	0.9	<2	0.38	<0.5	4	9	2	1.76
Q038588		2.28	0.006	<0.2	0.97	14	<10	140	0.8	<2	0.44	<0.5	3	7	1	1.66
Q038589		2.52	0.012	<0.2	0.75	18	<10	120	0.7	<2	0.10	<0.5	3	8	2	1.40
Q038590		0.04	9.76	1.4	1.20	18	<10	30	<0.5	<2	0.74	<0.5	12	31	55	3.23
Q038591		2.38	0.006	<0.2	0.76	45	<10	160	0.8	<2	0.07	<0.5	3	7	2	1.62
Q038592		2.07	0.023	<0.2	0.66	39	<10	150	0.7	<2	0.19	<0.5	3	6	1	1.42
Q038593		2.21	0.006	<0.2	1.10	9	<10	90	0.8	<2	0.49	<0.5	3	7	1	1.50
Q038594		2.30	0.027	<0.2	0.67	6	<10	60	0.6	<2	0.96	<0.5	2	8	1	1.37
Q038595		2.23	0.002	<0.2	0.88	2	<10	90	0.7	<2	1.72	<0.5	3	7	1	1.18
Q038596		2.01	0.008	<0.2	0.91	9	<10	80	0.8	<2	1.16	<0.5	4	9	2	1.48
Q038597		2.09	0.002	<0.2	0.86	8	<10	70	0.8	<2	1.28	<0.5	3	7	3	1.50
Q038598		2.03	0.002	<0.2	0.77	10	<10	80	0.8	<2	1.12	<0.5	3	8	2	1.34
Q038599		2.19	0.004	<0.2	0.68	43	<10	90	0.6	2	1.03	<0.5	4	7	3	1.41
Q038600		0.04	0.003	<0.2	1.54	4	<10	110	<0.5	<2	1.18	<0.5	9	37	50	2.88
Q038601		2.14	0.005	<0.2	0.79	38	<10	80	0.6	2	1.23	<0.5	3	5	5	1.17
Q038602		2.61	0.013	<0.2	0.68	122	<10	80	0.6	<2	0.82	<0.5	3	6	4	1.17
Q038603		2.05	0.156	<0.2	0.76	296	<10	110	0.6	<2	0.10	<0.5	3	7	6	1.17
Q038604		2.00	0.270	<0.2	0.55	780	<10	110	0.8	2	0.11	<0.5	3	6	2	1.39
Q038605		2.39	0.316	<0.2	0.59	498	<10	150	0.9	2	0.10	<0.5	3	7	2	1.30
Q038606		1.80	0.064	<0.2	0.57	218	<10	90	0.6	<2	0.10	<0.5	3	8	3	1.03
Q038607		2.55	0.024	0.3	0.73	153	<10	140	0.5	3	0.09	<0.5	3	9	6	1.19
Q038608		2.43	0.019	<0.2	0.60	32	<10	70	0.5	2	0.79	<0.5	2	6	6	0.91
Q038609		2.11	0.022	<0.2	0.67	103	<10	60	0.5	<2	1.39	<0.5	2	7	5	0.97
Q038610		0.04	1.215	1.5	1.59	8	<10	1240	<0.5	<2	1.05	1.0	8	35	75	3.16
Q038611		2.21	0.014	0.2	0.84	13	<10	70	0.8	5	1.87	<0.5	3	6	4	1.30
Q038612		2.41	0.018	<0.2	0.83	19	<10	90	0.8	<2	1.59	<0.5	3	6	9	1.11
Q038613		2.05	0.008	<0.2	0.96	25	<10	60	1.4	<2	1.12	<0.5	4	7	4	1.63
Q038614		2.10	0.025	<0.2	0.65	5	<10	40	1.0	<2	1.22	<0.5	2	7	5	0.97
Q038615		2.20	0.016	<0.2	0.58	11	<10	40	0.8	<2	0.71	<0.5	2	8	2	0.88
Q038616		2.37	0.013	<0.2	0.87	27	<10	60	1.1	<2	0.56	<0.5	2	9	2	1.15
Q038617		2.44	0.005	<0.2	0.61	23	<10	50	0.7	<2	0.04	<0.5	2	7	4	1.06
Q038618		2.15	0.003	<0.2	0.76	19	<10	70	0.7	<2	0.41	<0.5	3	6	3	1.27
Q038619		2.51	0.004	<0.2	0.72	42	<10	60	0.7	<2	0.62	<0.5	3	6	4	1.24
Q038620		0.04	0.003	<0.2	1.51	5	<10	110	<0.5	<2	1.16	<0.5	9	36	48	2.87
Q038621		2.06	0.009	<0.2	0.71	51	<10	70	0.7	<2	0.07	<0.5	4	5	4	1.09



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		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
Q038582		<10	<1	0.37	30	0.14	286	<1	0.05	3	250	6	<0.01	<2	1
Q038583		<10	<1	0.55	40	0.19	455	<1	0.03	3	280	6	<0.01	<2	1
Q038584		<10	1	0.39	20	0.11	319	<1	0.03	2	170	6	<0.01	<2	1
Q038585		<10	<1	0.42	30	0.16	379	<1	0.02	3	250	5	<0.01	<2	1
Q038586		10	1	0.84	40	0.41	704	1	0.03	3	350	6	0.02	<2	3
Q038587		<10	<1	0.61	60	0.21	595	<1	0.03	3	410	6	0.01	<2	1
Q038588		<10	<1	0.66	60	0.19	597	<1	0.04	1	340	3	0.01	2	1
Q038589		<10	<1	0.48	50	0.14	593	<1	0.02	1	310	3	0.01	4	1
Q038590		<10	3	0.20	10	0.60	371	839	0.08	27	440	7	1.43	30	4
Q038591		<10	<1	0.43	40	0.04	753	1	<0.01	1	270	4	0.01	6	1
Q038592		<10	<1	0.38	50	0.03	818	<1	<0.01	1	270	3	0.01	4	1
Q038593		<10	<1	0.45	50	0.10	436	<1	0.01	1	270	2	0.01	<2	2
Q038594		<10	<1	0.47	50	0.13	423	1	0.03	<1	250	2	0.02	<2	1
Q038595		<10	<1	0.61	50	0.11	489	1	0.03	<1	260	<2	0.03	2	1
Q038596		<10	<1	0.59	40	0.15	585	<1	0.02	1	390	6	0.01	2	1
Q038597		<10	<1	0.58	50	0.16	502	1	0.03	3	300	8	0.02	<2	2
Q038598		<10	<1	0.42	50	0.10	387	<1	0.02	2	270	7	0.01	<2	1
Q038599		<10	<1	0.36	40	0.04	606	3	<0.01	2	250	6	0.01	2	1
Q038600		<10	<1	0.10	<10	0.75	498	5	0.09	33	580	2	0.07	<2	5
Q038601		<10	<1	0.39	40	0.03	393	1	0.01	1	250	6	0.01	2	1
Q038602		<10	<1	0.38	50	0.03	467	1	0.01	2	270	8	0.01	2	1
Q038603		<10	<1	0.40	40	0.03	408	<1	<0.01	3	290	11	0.01	5	1
Q038604		<10	<1	0.36	40	0.03	364	<1	<0.01	3	240	36	0.01	9	1
Q038605		<10	<1	0.37	40	0.03	589	1	<0.01	3	240	34	<0.01	16	1
Q038606		<10	<1	0.37	40	0.03	298	<1	<0.01	3	310	15	<0.01	9	1
Q038607		<10	<1	0.38	40	0.05	566	<1	0.01	3	250	7	<0.01	6	1
Q038608		<10	<1	0.32	40	0.03	386	<1	<0.01	1	180	6	0.01	3	1
Q038609		<10	<1	0.38	40	0.04	387	1	0.01	1	130	9	<0.01	<2	1
Q038610		<10	<1	0.13	<10	0.76	478	8	0.09	33	580	86	0.10	3	5
Q038611		<10	<1	0.47	50	0.09	513	1	0.01	1	260	7	0.01	<2	1
Q038612		<10	<1	0.48	40	0.06	588	1	0.01	1	190	6	0.01	2	1
Q038613		<10	<1	0.46	50	0.11	370	1	0.01	2	200	6	0.01	2	2
Q038614		<10	<1	0.32	30	0.04	287	<1	0.02	1	50	5	0.01	2	1
Q038615		<10	<1	0.28	30	0.04	238	<1	0.02	1	70	5	<0.01	<2	1
Q038616		<10	1	0.41	30	0.09	299	<1	<0.01	3	130	7	<0.01	<2	1
Q038617		<10	<1	0.27	30	0.02	253	<1	<0.01	2	140	6	<0.01	3	1
Q038618		<10	<1	0.39	40	0.04	434	<1	<0.01	2	270	5	<0.01	2	1
Q038619		<10	<1	0.39	50	0.05	388	1	<0.01	2	290	15	<0.01	3	1
Q038620		<10	<1	0.10	<10	0.73	485	5	0.09	31	560	4	0.06	<2	4
Q038621		<10	<1	0.37	30	0.03	535	<1	<0.01	2	210	8	<0.01	3	1



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA13
		Th	Ti	Ti	U	V	W	Zn	Au
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2	0.03
Q038582		30	0.04	<10	<10	6	<10	28	
Q038583		30	0.05	<10	<10	5	<10	34	
Q038584		20	0.03	<10	<10	3	<10	23	
Q038585		20	0.03	<10	<10	5	<10	26	
Q038586		30	0.07	<10	<10	16	<10	48	
Q038587		40	0.05	<10	<10	7	<10	38	
Q038588		40	0.05	<10	<10	5	<10	33	
Q038589		30	0.03	<10	<10	3	<10	24	
Q038590		<20	0.10	<10	<10	59	20	59	5.90
Q038591		30	0.01	<10	<10	3	<10	31	
Q038592		30	<0.01	<10	<10	3	<10	22	
Q038593		30	0.03	<10	<10	7	<10	30	
Q038594		30	0.03	<10	<10	4	<10	23	
Q038595		30	0.03	<10	<10	3	<10	24	
Q038596		30	0.03	<10	<10	5	<10	32	
Q038597		30	0.03	<10	<10	5	<10	36	
Q038598		30	0.02	<10	<10	4	<10	31	
Q038599		30	<0.01	<10	<10	2	<10	18	
Q038600		<20	0.15	<10	<10	63	<10	47	
Q038601		30	<0.01	<10	<10	2	<10	18	
Q038602		30	<0.01	<10	<10	2	<10	18	
Q038603		30	<0.01	<10	<10	2	<10	18	
Q038604		30	<0.01	<10	20	2	<10	18	
Q038605		20	<0.01	<10	20	3	<10	23	0.25
Q038606		30	<0.01	<10	<10	3	<10	14	
Q038607		20	0.01	<10	<10	3	<10	22	
Q038608		30	<0.01	<10	<10	1	<10	17	
Q038609		30	0.01	<10	<10	2	<10	16	
Q038610		<20	0.14	<10	<10	65	<10	193	1.17
Q038611		30	0.02	<10	<10	3	<10	29	
Q038612		30	0.01	<10	<10	2	<10	19	
Q038613		30	0.02	<10	<10	5	<10	26	
Q038614		30	0.01	<10	<10	1	<10	15	
Q038615		30	0.01	<10	<10	1	<10	9	
Q038616		30	0.02	<10	<10	4	<10	18	
Q038617		30	<0.01	<10	<10	2	<10	19	
Q038618		30	0.01	<10	<10	3	<10	24	
Q038619		30	0.01	<10	<10	3	<10	27	
Q038620		<20	0.15	<10	<10	62	<10	47	
Q038621		30	<0.01	<10	<10	2	<10	24	



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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
Q038622		2.26	0.006	<0.2	0.54	21	<10	50	<0.5	<2	0.03	<0.5	1	6	2	0.60
Q038623		2.42	0.009	<0.2	0.55	32	<10	70	0.5	<2	0.03	<0.5	2	6	4	0.68
Q038624		2.38	0.029	<0.2	0.56	54	<10	90	0.5	<2	0.48	<0.5	3	6	4	0.92
Q038625		2.45	0.050	<0.2	0.67	54	<10	70	0.6	<2	0.34	<0.5	2	5	5	0.80
Q038626		2.22	0.013	<0.2	0.49	21	<10	70	<0.5	<2	0.02	<0.5	2	7	5	0.65
Q038627		2.10	0.007	<0.2	0.62	24	<10	70	0.5	<2	0.34	<0.5	2	5	3	0.80
Q038628		2.58	0.004	<0.2	0.51	28	<10	80	0.5	<2	0.72	<0.5	2	6	6	0.69
Q038629		2.15	0.001	<0.2	0.67	18	<10	90	0.5	<2	1.07	<0.5	2	6	2	0.72
Q038630		0.04	3.20	0.4	1.56	10	<10	110	<0.5	<2	0.99	<0.5	9	34	78	3.26
Q038631		2.30	0.002	<0.2	0.64	34	<10	140	0.7	<2	0.45	<0.5	3	6	3	1.22
Q038632		1.08	0.001	<0.2	0.63	28	<10	100	0.6	<2	0.46	<0.5	3	5	3	1.09
Q038633		2.47	0.002	<0.2	0.72	65	<10	110	0.7	<2	0.11	<0.5	4	6	10	1.48
Q038634		1.89	0.003	<0.2	0.64	112	<10	120	0.7	<2	0.08	<0.5	3	6	3	1.54
Q038635		2.38	0.002	<0.2	0.87	87	<10	110	0.7	<2	0.14	<0.5	5	6	2	1.67
Q038636		2.66	0.001	<0.2	0.82	36	<10	60	0.7	<2	2.24	<0.5	4	5	1	1.20
Q038637		1.47	0.001	<0.2	0.91	6	<10	70	0.7	<2	1.94	<0.5	3	6	1	1.20
Q038638		2.68	0.002	<0.2	0.60	32	<10	100	0.5	<2	0.49	<0.5	3	6	1	0.99
Q038639		2.25	0.002	<0.2	0.87	13	<10	90	0.5	<2	0.74	<0.5	3	6	1	1.11
Q038640		0.04	0.004	0.2	1.44	3	<10	110	<0.5	<2	1.06	<0.5	8	35	48	2.84
Q038641		1.98	0.001	<0.2	0.81	5	<10	70	0.6	<2	1.76	<0.5	3	6	1	1.07
Q038642		2.56	0.006	<0.2	0.84	91	<10	120	0.6	<2	1.28	<0.5	3	5	3	1.50
Q038643		3.04	0.002	<0.2	0.64	16	<10	70	0.6	<2	0.86	<0.5	3	5	2	1.09
Q038644		1.66	0.001	<0.2	0.92	8	<10	60	0.7	<2	1.09	<0.5	3	6	1	1.16
Q038645		2.78	0.002	<0.2	0.83	27	<10	100	0.6	<2	0.80	<0.5	3	6	2	1.16
Q038646		2.11	0.002	<0.2	0.90	57	<10	120	0.7	<2	0.15	<0.5	4	5	2	1.29
Q038647		2.80	0.004	<0.2	0.63	46	<10	60	0.6	<2	0.18	<0.5	5	5	3	1.00
Q038648		2.81	0.005	<0.2	0.73	9	<10	60	0.7	<2	1.39	<0.5	4	3	1	1.33
Q038649		2.39	<0.001	<0.2	0.64	15	<10	60	0.6	<2	1.82	<0.5	3	4	1	0.98
Q038650		0.04	9.37	1.6	1.10	17	<10	50	<0.5	<2	0.65	<0.5	10	28	53	3.10
Q038651		3.15	0.072	<0.2	0.80	110	<10	80	0.6	<2	1.70	<0.5	3	3	1	1.12
Q038652		2.30	0.079	<0.2	0.84	389	<10	200	0.7	<2	1.30	<0.5	3	4	1	1.40
Q038653		2.78	0.003	<0.2	1.00	16	<10	150	0.7	<2	1.69	<0.5	3	5	1	1.02
Q038654		2.45	0.001	<0.2	0.76	10	<10	70	0.6	<2	1.81	<0.5	2	5	1	0.94
Q038655		3.06	0.001	<0.2	0.79	27	<10	100	0.7	<2	1.51	<0.5	3	5	2	1.32
Q038656		2.58	0.016	<0.2	0.72	186	<10	70	0.8	<2	0.89	<0.5	3	5	2	1.39
Q038657		1.86	0.003	<0.2	0.86	161	<10	80	0.7	<2	1.04	<0.5	3	5	1	1.22
Q038658		2.88	0.001	<0.2	0.88	56	<10	80	0.7	<2	1.23	<0.5	3	5	2	1.42
Q038659		3.12	<0.001	<0.2	0.86	5	<10	80	0.6	<2	2.36	<0.5	3	6	3	1.36
Q038660		0.04	0.001	<0.2	1.58	4	10	120	<0.5	<2	1.22	<0.5	10	39	53	3.18
Q038661		2.38	<0.001	<0.2	1.08	<2	<10	100	0.8	<2	2.22	<0.5	3	6	3	1.56



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		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
Q038622		<10	<1	0.28	30	0.02	295	<1	<0.01	2	90	5	<0.01	2	<1
Q038623		<10	1	0.31	30	0.02	259	<1	0.01	4	80	6	<0.01	2	<1
Q038624		<10	<1	0.32	40	0.02	503	<1	0.01	2	210	6	<0.01	2	<1
Q038625		<10	1	0.37	40	0.03	344	<1	<0.01	3	160	13	<0.01	3	<1
Q038626		<10	1	0.27	30	0.01	262	<1	<0.01	2	70	3	<0.01	4	<1
Q038627		<10	<1	0.36	40	0.02	370	<1	0.01	2	140	6	<0.01	<2	<1
Q038628		<10	<1	0.36	40	0.02	457	<1	<0.01	2	160	11	<0.01	2	<1
Q038629		<10	1	0.37	30	0.03	466	<1	0.01	2	190	9	<0.01	<2	<1
Q038630		10	1	0.14	<10	0.71	439	6	0.10	26	570	12	0.05	3	4
Q038631		<10	1	0.31	40	0.03	562	<1	<0.01	3	270	7	<0.01	3	1
Q038632		<10	<1	0.29	40	0.03	447	<1	<0.01	2	280	6	<0.01	<2	2
Q038633		<10	1	0.29	40	0.03	492	<1	<0.01	2	270	7	<0.01	5	2
Q038634		<10	1	0.30	40	0.05	577	<1	<0.01	2	260	8	<0.01	6	2
Q038635		<10	1	0.42	50	0.09	563	<1	<0.01	3	330	5	<0.01	4	2
Q038636		<10	1	0.44	40	0.17	647	1	0.01	3	330	3	0.21	2	1
Q038637		<10	<1	0.51	40	0.26	530	1	0.01	2	310	5	0.09	<2	1
Q038638		<10	<1	0.39	30	0.06	485	<1	<0.01	2	290	3	<0.01	<2	1
Q038639		<10	<1	0.56	50	0.14	425	<1	0.01	3	400	4	<0.01	2	1
Q038640		10	<1	0.10	<10	0.72	475	5	0.08	32	570	2	0.06	<2	4
Q038641		<10	<1	0.57	50	0.17	579	1	0.02	2	390	5	0.05	3	1
Q038642		<10	1	0.40	50	0.05	586	1	0.01	2	310	5	<0.01	6	1
Q038643		<10	1	0.34	40	0.03	406	1	0.01	2	290	4	<0.01	3	1
Q038644		<10	1	0.42	50	0.09	445	<1	0.01	3	380	4	<0.01	3	2
Q038645		<10	<1	0.42	50	0.12	528	<1	0.01	3	380	5	<0.01	2	1
Q038646		<10	1	0.40	50	0.10	547	<1	0.01	2	390	6	<0.01	3	1
Q038647		<10	<1	0.35	40	0.05	278	<1	0.01	2	310	4	<0.01	5	1
Q038648		<10	1	0.34	50	0.04	476	1	0.01	2	310	8	<0.01	<2	2
Q038649		<10	<1	0.32	40	0.12	469	1	0.01	2	290	5	0.09	2	1
Q038650		10	3	0.19	10	0.56	339	766	0.07	27	410	7	1.29	26	4
Q038651		<10	1	0.40	40	0.21	597	1	0.01	2	280	6	0.17	<2	1
Q038652		<10	<1	0.44	50	0.16	461	1	0.01	3	320	9	0.07	2	1
Q038653		<10	1	0.49	40	0.06	478	1	0.01	2	220	8	0.02	<2	1
Q038654		<10	1	0.36	40	0.05	438	1	0.01	2	180	7	0.01	<2	1
Q038655		<10	1	0.43	40	0.08	722	1	0.01	3	310	7	0.01	3	1
Q038656		<10	<1	0.39	40	0.04	521	1	0.01	4	240	19	<0.01	6	1
Q038657		<10	1	0.47	50	0.05	503	1	0.01	3	330	13	<0.01	3	1
Q038658		<10	1	0.54	50	0.11	537	<1	0.01	2	380	6	0.01	4	1
Q038659		<10	<1	0.60	50	0.20	700	1	0.02	2	350	10	0.06	<2	1
Q038660		10	<1	0.11	10	0.81	548	6	0.10	33	640	2	0.07	<2	5
Q038661		<10	<1	0.78	60	0.25	719	2	0.04	3	410	7	0.08	<2	2



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA13
		Th	Ti	Ti	U	V	W	Zn	Au
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2	0.03
Q038622		30	<0.01	<10	<10	1	<10	10	
Q038623		30	<0.01	<10	<10	1	<10	8	
Q038624		30	<0.01	<10	<10	1	<10	14	
Q038625		40	<0.01	<10	<10	1	<10	11	
Q038626		30	<0.01	<10	<10	1	<10	3	
Q038627		30	<0.01	<10	<10	1	<10	11	
Q038628		30	<0.01	<10	<10	1	<10	12	
Q038629		30	<0.01	<10	<10	1	<10	16	
Q038630		<20	0.13	<10	<10	72	10	56	2.88
Q038631		30	<0.01	<10	<10	4	<10	29	
Q038632		30	<0.01	<10	<10	4	<10	23	
Q038633		30	<0.01	<10	<10	5	<10	36	
Q038634		30	0.01	<10	<10	5	<10	38	
Q038635		30	0.01	<10	<10	5	<10	39	
Q038636		30	0.01	<10	<10	3	<10	25	
Q038637		30	0.02	<10	<10	4	<10	28	
Q038638		30	0.01	<10	<10	2	<10	21	
Q038639		30	0.02	<10	<10	4	<10	28	
Q038640		<20	0.14	<10	<10	60	<10	43	
Q038641		30	0.03	<10	<10	3	<10	26	
Q038642		30	<0.01	<10	<10	3	<10	32	
Q038643		30	<0.01	<10	<10	3	<10	24	
Q038644		30	0.01	<10	<10	3	<10	28	
Q038645		30	0.02	<10	<10	3	<10	28	
Q038646		30	0.01	<10	<10	3	<10	26	
Q038647		30	0.01	<10	<10	2	<10	21	
Q038648		30	<0.01	<10	<10	3	<10	33	
Q038649		30	0.01	<10	<10	2	<10	24	
Q038650		<20	0.08	<10	<10	52	20	56	5.74
Q038651		30	<0.01	<10	<10	3	<10	22	
Q038652		30	0.01	<10	<10	3	<10	20	
Q038653		20	0.01	<10	<10	3	<10	17	
Q038654		30	0.01	<10	<10	3	<10	21	
Q038655		30	0.01	<10	<10	4	<10	31	
Q038656		20	<0.01	<10	<10	3	<10	109	
Q038657		30	0.01	<10	<10	3	<10	23	
Q038658		30	0.02	<10	<10	4	<10	33	
Q038659		30	0.03	<10	<10	4	<10	33	
Q038660		<20	0.15	<10	<10	67	<10	49	
Q038661		30	0.04	<10	<10	6	<10	31	



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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
Q038662		3.10	<0.001	<0.2	0.85	8	<10	70	0.6	<2	1.54	<0.5	3	6	2	1.37
Q038663		2.55	0.001	<0.2	0.91	47	<10	60	1.1	<2	4.17	<0.5	2	5	1	1.94
Q038664		2.48	<0.001	<0.2	0.78	7	<10	50	0.7	<2	2.01	<0.5	3	6	2	1.46
Q038665		2.79	<0.001	<0.2	0.65	3	<10	70	0.5	<2	1.21	<0.5	2	6	2	1.39
Q038666		2.92	<0.001	<0.2	0.60	3	<10	80	<0.5	<2	0.73	<0.5	2	9	1	1.26
Q038667		2.33	<0.001	<0.2	0.79	3	<10	80	<0.5	<2	1.07	<0.5	3	8	2	1.61
Q038668		3.09	<0.001	<0.2	0.61	2	<10	50	<0.5	<2	1.53	<0.5	2	7	2	1.30
Q038669		2.89	0.001	<0.2	1.01	7	<10	90	0.6	<2	1.19	<0.5	2	6	4	1.43
Q038670		0.04	6.11	17.1	1.21	335	<10	30	0.5	3	0.80	7.2	12	34	722	5.60
Q038671		2.39	0.001	<0.2	0.81	4	<10	100	0.5	<2	1.25	<0.5	3	6	2	1.50
Q038672		2.81	<0.001	<0.2	0.85	<2	<10	110	0.5	<2	2.09	<0.5	2	5	2	1.32
Q038673		3.53	<0.001	<0.2	0.97	2	<10	100	0.6	<2	1.71	<0.5	3	6	2	1.42
Q038674		2.80	<0.001	<0.2	0.88	2	<10	70	0.6	<2	1.46	<0.5	4	6	2	1.51
Q038675		2.86	0.001	<0.2	0.86	9	<10	80	0.8	<2	1.39	<0.5	3	7	1	1.75
Q038676		2.89	<0.001	<0.2	0.71	6	<10	100	0.6	<2	1.70	<0.5	3	5	2	1.53
Q038677		2.56	<0.001	<0.2	0.75	3	<10	140	0.5	<2	1.35	<0.5	3	7	2	1.58
Q038678		3.01	0.008	<0.2	1.01	17	<10	80	0.7	<2	1.31	<0.5	5	5	3	1.75
Q038679		2.56	0.001	<0.2	0.88	4	<10	60	0.9	<2	1.88	<0.5	3	5	3	1.91
Q038680		0.04	0.002	<0.2	1.46	2	<10	110	<0.5	<2	1.12	<0.5	9	36	48	2.89
Q038681		2.34	0.018	<0.2	0.83	11	<10	60	0.8	<2	1.23	<0.5	4	6	3	1.81





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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
Q038662		<10	<1	0.52	50	0.11	582	2	0.01	2	380	6	0.06	2	1	21
Q038663		<10	<1	0.29	40	0.07	1030	1	0.02	1	400	6	<0.01	6	3	49
Q038664		<10	<1	0.46	50	0.17	616	2	0.02	2	340	7	0.16	<2	1	31
Q038665		<10	<1	0.36	50	0.18	411	2	0.03	1	210	10	0.15	<2	2	26
Q038666		<10	<1	0.42	40	0.16	339	1	0.04	2	190	7	0.11	<2	1	20
Q038667		<10	<1	0.55	50	0.24	503	2	0.04	3	350	8	0.06	<2	2	25
Q038668		<10	<1	0.44	50	0.18	542	2	0.03	2	250	7	0.08	<2	1	28
Q038669		<10	<1	0.70	50	0.20	487	2	0.05	2	310	13	0.06	<2	2	24
Q038670		10	<1	0.17	<10	0.58	503	14	0.06	32	570	629	3.22	6	4	34
Q038671		<10	<1	0.60	50	0.21	532	1	0.04	2	360	8	0.03	<2	2	22
Q038672		<10	<1	0.64	40	0.22	703	1	0.02	2	300	7	0.03	<2	1	37
Q038673		<10	1	0.74	50	0.23	715	1	0.02	1	350	8	0.04	<2	1	30
Q038674		<10	<1	0.63	40	0.24	520	1	0.03	2	320	7	0.07	2	2	30
Q038675		<10	<1	0.58	50	0.20	569	2	0.03	2	360	8	0.02	<2	2	36
Q038676		<10	<1	0.49	50	0.16	612	2	0.04	2	410	5	0.14	<2	1	30
Q038677		<10	<1	0.52	50	0.20	599	2	0.04	3	360	3	0.23	<2	2	24
Q038678		<10	<1	0.51	60	0.17	538	2	0.01	3	400	7	0.07	<2	2	25
Q038679		<10	<1	0.29	60	0.48	472	2	<0.01	1	390	15	0.08	<2	3	35
Q038680		10	<1	0.10	<10	0.74	488	6	0.09	31	580	3	0.06	<2	4	46
Q038681		<10	<1	0.32	50	0.10	371	2	<0.01	2	340	7	<0.01	2	2	20



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	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA13
Sample Description	Th ppm 20	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.03
Q038662	30	0.02	<10	<10	5	<10	31	
Q038663	20	0.01	<10	<10	9	<10	41	
Q038664	30	0.02	<10	<10	4	<10	27	
Q038665	30	0.02	<10	<10	5	<10	22	
Q038666	30	0.03	<10	<10	4	<10	22	
Q038667	30	0.04	<10	<10	6	<10	40	
Q038668	30	0.02	<10	<10	4	<10	37	
Q038669	30	0.03	<10	<10	5	<10	45	
Q038670	<20	0.06	<10	<10	45	<10	1365	3.28
Q038671	30	0.04	<10	<10	6	<10	35	
Q038672	30	0.03	<10	<10	4	<10	34	
Q038673	30	0.03	<10	<10	5	<10	36	
Q038674	30	0.04	<10	<10	6	<10	39	
Q038675	30	0.04	<10	<10	7	<10	36	
Q038676	30	0.01	<10	<10	5	<10	31	
Q038677	30	0.02	<10	<10	4	<10	29	
Q038678	30	0.03	<10	<10	6	<10	39	
Q038679	30	<0.01	<10	<10	7	<10	41	
Q038680	<20	0.14	<10	<10	62	<10	45	
Q038681	30	0.01	<10	<10	7	<10	32	

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



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 Finalized Date: 24-JUL-2014  
 Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH14104121**

	CERTIFICATE COMMENTS
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <p>Applies to Method: BAG-01 CRU-31 CRU-QC LOG-21          LOG-23 PUL-32m PUL-QC SPL-21          WEI-21</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p>Applies to Method: Au-AA13 Au-ICP21 ME-ICP41</p>