



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **GOLDCORP KAMINAK LTD**
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 1
Total # Pages: 4 (A)
Plus Appendix Pages
Finalized Date: 2-JAN-2019
Account: KAMGOL

CERTIFICATE WH18307662

Project: Coffee

P.O. No.: KGC-18-1861

This report is for 114 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 3-DEC-2018.

The following have access to data associated with this certificate:

THOMAS BISSIG
IAN HERBRANSON
TIM SMITH

TOM BOKENFOHR
ERIK SCHEEL
MATT ZAGO

CASEY CARDINAL
JAMES SCOTT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA13	Au by cyanide leach and AAS	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GOLDCORP KAMINAK LTD
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 2 - A
Total # Pages: 4 (A)
Plus Appendix Pages
Finalized Date: 2-JAN-2019
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18307662

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Au ppm	As ppm	Hg ppm	Sb ppm
		0.02	0.001	0.03	2	1	2
A0030927		2.33	0.003		123	<1	12
A0030928		2.23	0.004		185	<1	25
A0030929		2.14	0.015		605	<1	74
A0030930		0.06	8.76	4.10	42	1	8
A0030931		1.90	0.005		843	1	71
A0030932		1.96	0.006		782	1	56
A0030933		2.17	0.010		563	<1	34
A0030934		2.02	0.004		508	<1	20
A0030935		1.59	0.008		630	<1	19
A0030936		2.08	0.005		612	1	29
A0030937		2.24	0.008		728	1	83
A0030938		2.47	0.004		313	<1	35
A0030939		2.44	0.001		106	<1	16
A0030940		0.06	<0.001		<2	<1	<2
A0030941		2.09	0.003		119	1	13
A0030942		2.25	0.001		116	1	15
A0030943		2.40	<0.001		55	1	7
A0030944		2.37	0.001		59	<1	10
A0030945		2.59	0.001		130	<1	18
A0030946		2.13	<0.001		55	<1	5
A0030947		1.59	<0.001		10	<1	5
A0030948		1.58	<0.001		33	<1	5
A0030949		1.53	<0.001		62	<1	4
A0030950		0.06	3.49	3.06	256	<1	7
A0030951		1.58	0.001		20	<1	2
A0030952		1.57	<0.001		12	<1	<2
A0030953		2.24	0.001		26	<1	2
A0030954		1.45	<0.001		50	<1	4
A0030955		1.15	<0.001		153	1	11
A0030956		1.98	0.001		34	1	7
A0030957		1.85	<0.001		67	<1	7
A0030958		1.79	0.002		44	<1	5
A0030959		1.86	<0.001		56	<1	6
A0030960		0.49	0.002		<2	<1	<2
A0030961		1.66	<0.001		33	<1	<2
A0030962		2.34	<0.001		73	1	3
A0030963		1.96	0.003		49	<1	3
A0030964		2.42	<0.001		7	<1	<2
A0030965		1.68	0.498	0.44	663	<1	62
A0030966		1.92	0.001		13	<1	<2



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GOLDCORP KAMINAK LTD
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 3 - A
Total # Pages: 4 (A)
Plus Appendix Pages
Finalized Date: 2-JAN-2019
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18307662

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
A0030967		0.66	0.268		186	<1	4
A0030968		2.04	0.070		98	<1	2
A0030969		2.14	0.038		68	<1	2
A0030970		0.06	0.740	0.61	5	1	<2
A0030971		2.41	0.015		24	<1	2
A0030972		1.43	0.005		9	<1	<2
A0030973		1.72	0.003		6	<1	<2
A0030974		1.50	0.004		9	<1	3
A0030975		1.58	0.067		156	<1	8
A0030976		1.56	0.057		379	<1	11
A0030977		1.37	0.039		74	<1	6
A0030978		1.73	0.003		40	<1	<2
A0030979		1.66	0.001		31	<1	2
A0030980		0.06	<0.001		2	<1	<2
A0030981		2.37	<0.001		28	<1	2
A0030982		2.26	<0.001		56	<1	3
A0030983		2.13	0.001		40	<1	3
A0030984		1.59	0.001		16	<1	<2
A0030985		2.18	0.005		19	<1	2
A0030986		1.86	0.013		26	<1	2
A0030987		1.87	0.077		70	<1	<2
A0030988		1.77	0.003		19	<1	<2
A0030989		1.73	0.002		14	<1	<2
A0030990		0.06	0.905	0.87	10	<1	2
A0030991		1.65	<0.001		7	1	<2
A0030992		1.57	<0.001		4	<1	<2
A0030993		1.82	0.009		21	1	<2
A0030994		1.87	0.038		109	<1	7
A0030995		2.07	<0.001		24	1	2
A0030996		1.92	<0.001		8	<1	<2
A0030997		2.16	<0.001		17	<1	3
A0030998		1.86	<0.001		13	<1	<2
A0030999		2.06	0.001		20	<1	<2
A0031000		0.48	<0.001		<2	<1	<2
A0031001		1.83	0.009		49	<1	3
A0031002		1.09	1.115	1.10	304	<1	75
A0031003		1.56	0.037		229	1	38
A0031004		1.51	0.726	0.72	352	1	39
A0031005		1.70	0.016		228	<1	31
A0031006		1.58	0.006		23	<1	5



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GOLDCORP KAMINAK LTD
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 4 - A
Total # Pages: 4 (A)
Plus Appendix Pages
Finalized Date: 2-JAN-2019
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18307662

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
A0031007		1.52	0.006		35	<1	2
A0031008		1.91	0.001		22	<1	<2
A0031009		1.85	0.001		10	<1	<2
A0031010		0.06	0.137		82	<1	22
A0031011		2.09	0.003		13	1	<2
A0031012		1.87	0.002		22	1	<2
A0031013		1.89	0.003		14	<1	<2
A0031014		1.65	0.019		128	<1	12
A0031015		1.61	0.003		47	<1	2
A0031016		1.32	0.005		77	<1	4
A0031017		1.14	0.069		1665	<1	20
A0031018		1.39	5.05	5.05	2280	1	141
A0031019		1.36	0.051		181	1	36
A0031020		0.06	<0.001		3	<1	<2
A0031021		1.36	0.027		181	1	35
A0031022		1.51	0.211		162	1	24
A0031023		1.44	0.019		135	<1	24
A0031024		1.52	0.006		168	<1	27
A0031025		1.34	0.005		255	<1	40
A0031026		1.36	0.005		538	<1	81
A0031027		1.44	0.007		998	<1	106
A0031028		1.48	0.004		166	<1	18
A0031029		1.76	0.002		183	<1	31
A0031030		0.06	3.39	3.39	254	<1	<2
A0031031		1.51	0.001		480	1	31
A0031032		1.59	0.001		203	1	23
A0031033		1.23	0.001		251	<1	14
A0031034		1.81	0.008		518	<1	9
A0031035		1.95	0.002		26	1	5
A0031036		1.97	0.003		16	<1	<2
A0031037		2.04	0.002		9	<1	2
A0031038		1.49	0.707	0.69	349	1	22
A0031039		1.94	0.005		16	<1	<2
A0031040		0.52	0.001		3	<1	<2



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: GOLDCORP KAMINAK LTD
SUITE 3400 - 666 BURNARD STREET
VANCOUVER BC V6C 2X8

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 2-JAN-2019
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18307662

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.	
	BAG-01	CRU-31
	LOG-23	SPL-21
		CRU-QC
		WEI-21
		LOG-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	
	Au-AA13	Au-ICP21
	PUL-QC	ME-ICP41
		PUL-32m