



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: 28-DEC-2018
Account: KAMGOL

CERTIFICATE WH18308752

Project: Coffee

P.O. No.: KGC-18-1852

This report is for 99 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 4-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: 28-DEC-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18308752

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
A0030704		0.98	0.331	0.31	253	<1	5
A0030705		1.54	0.194		187	<1	3
A0030706		0.91	0.155		133	<1	5
A0030707		1.98	0.012		40	<1	3
A0030708		0.77	0.006		17	1	2
A0030709		1.68	0.003		22	<1	4
A0030710		0.06	3.41	3.34	267	<1	2
A0030711		2.79	<0.001		14	<1	<2
A0030712		1.96	0.001		6	<1	<2
A0030713		2.10	<0.001		7	<1	<2
A0030714		2.40	<0.001		4	<1	<2
A0030715		2.42	<0.001		4	<1	2
A0030716		2.15	0.001		3	<1	<2
A0030717		2.34	<0.001		4	<1	2
A0030718		2.32	<0.001		5	<1	<2
A0030719		2.17	<0.001		5	<1	<2
A0030720		0.52	<0.001		<2	<1	<2
A0030721		2.24	<0.001		4	<1	<2
A0030722		2.18	<0.001		5	<1	<2
A0030723		1.63	0.001		5	<1	<2
A0030724		1.73	<0.001		4	<1	<2
A0030725		2.11	<0.001		8	<1	2
A0030726		2.26	<0.001		7	<1	3
A0030727		2.83	<0.001		2	<1	2
A0030728		2.58	<0.001		4	<1	2
A0030729		2.27	<0.001		4	<1	4
A0030730		0.06	0.735	0.59	4	<1	<2
A0030731		2.33	<0.001		4	<1	<2
A0030732		2.45	<0.001		5	<1	2
A0030733		2.81	0.001		5	<1	2
A0030734		2.31	0.001		4	<1	<2
A0030735		2.27	0.001		5	<1	3
A0030736		2.53	<0.001		5	<1	<2
A0030737		2.34	<0.001		8	<1	<2
A0030738		2.44	<0.001		5	<1	<2
A0030739		2.54	<0.001		4	<1	<2
A0030740		0.06	<0.001		<2	<1	<2
A0030741		2.69	<0.001		4	<1	3
A0030742		2.53	<0.001		4	<1	<2
A0030743		2.10	<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: 28-DEC-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18308752

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
A0030744		2.23	<0.001		14	<1	2
A0030745		2.28	<0.001		12	<1	<2
A0030746		2.29	<0.001		4	<1	<2
A0030747		2.34	0.003		131	<1	10
A0030748		2.63	0.029		329	1	66
A0030749		2.04	0.001		70	<1	8
A0030750		0.06	0.911	0.91	7	<1	4
A0030751		2.04	0.002		116	<1	17
A0030752		1.76	0.006		314	<1	34
A0030753		2.30	0.001		130	<1	36
A0030754		2.20	0.001		108	<1	23
A0030755		2.01	0.001		96	1	23
A0030756		2.26	0.003		463	<1	84
A0030757		1.65	0.056		1285	1	284
A0030758		1.89	0.016		620	1	87
A0030759		1.92	0.008		642	<1	89
A0030760		0.45	<0.001		9	<1	2
A0030761		1.79	0.008		586	1	73
A0030762		1.68	0.004		563	<1	69
A0030763		1.81	0.018		658	<1	52
A0030764		1.65	0.018		658	1	41
A0030765		2.06	0.011		503	<1	77
A0030766		1.91	0.005		653	<1	26
A0030767		2.50	<0.001		27	<1	6
A0030768		2.20	<0.001		34	<1	5
A0030769		2.55	<0.001		28	<1	5
A0030770		0.06	0.146		79	1	21
A0030771		2.39	<0.001		40	<1	5
A0030772		2.11	<0.001		89	<1	8
A0030773		2.73	0.001		16	<1	3
A0030774		2.31	<0.001		48	<1	2
A0030775		1.89	<0.001		105	<1	9
A0030776		1.91	<0.001		44	<1	3
A0030777		2.49	<0.001		27	<1	2
A0030778		1.94	<0.001		5	<1	<2
A0030779		2.46	<0.001		20	<1	4
A0030780		0.06	<0.001		<2	<1	<2
A0030781		2.05	<0.001		10	<1	<2
A0030782		2.38	<0.001		22	<1	<2
A0030783		2.30	<0.001		39	<1	3



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: 28-DEC-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18308752

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.03	2	1	2
A0030784		2.35	<0.001		55	1	4
A0030785		2.44	<0.001		33	<1	<2
A0030786		2.03	<0.001		8	<1	<2
A0030787		1.95	<0.001		34	<1	<2
A0030788		2.40	<0.001		123	<1	6
A0030789		2.19	<0.001		66	<1	4
A0030790		0.06	3.56	3.29	265	<1	<2
A0030791		1.99	<0.001		44	<1	<2
A0030792		2.30	<0.001		26	<1	2
A0030793		2.43	<0.001		12	<1	<2
A0030794		2.35	<0.001		23	<1	<2
A0030795		2.48	<0.001		67	<1	<2
A0030796		2.19	<0.001		61	<1	<2
A0030797		2.14	<0.001		13	<1	<2
A0030798		1.89	<0.001		32	<1	2
A0030799		2.42	<0.001		23	<1	<2
A0030800		0.46	0.001		2	<1	<2
A0030801		1.99	0.004		208	1	21
A0030802		2.46	<0.001		2	<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: 28-DEC-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18308752

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