



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: 5 (A)
Plus Appendix Pages
Finalized Date: 7-NOV-2018
Account: KAMGOL

CERTIFICATE VA18245536

Project: Coffee

P.O. No.: KGC-18-1615

This report is for 122 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 1-OCT-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
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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: 5 (A)
Plus Appendix Pages
Finalized Date: 7-NOV-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS VA18245536

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
X852071		1.20	0.042			22	<1	<2
X852072		0.86	<0.001			5	1	<2
X852073		2.72	<0.001			4	<1	<2
X852074		2.52	<0.001			4	<1	<2
X852075		2.56	<0.001			8	1	<2
X852076		2.52	<0.001			6	1	<2
X852077		2.90	<0.001			4	<1	<2
X852078		1.88	<0.001			6	<1	<2
X852079		2.56	0.004			4	1	<2
X852080		0.08	<0.001			2	1	4
X852081		3.20	<0.001			2	<1	<2
X852082		2.80	<0.001			3	<1	2
X852083		2.20	<0.001			3	<1	<2
X852084		2.26	<0.001			6	<1	<2
X852085		2.50	0.027			7	1	3
X852086		2.32	<0.001			4	<1	<2
X852087		2.66	<0.001			4	<1	<2
X852088		2.58	<0.001			3	1	<2
X852089		2.98	<0.001			4	<1	<2
X852090		0.08	6.27		5.79	527	1	<2
X852091		2.28	<0.001			6	<1	<2
X852092		2.40	<0.001			3	1	<2
X852093		2.20	<0.001			3	<1	<2
X852094		2.80	<0.001			3	1	<2
X852095		3.04	<0.001			4	<1	<2
X852096		2.60	<0.001			4	1	<2
X852097		2.32	<0.001			4	<1	<2
X852098		2.68	<0.001			3	1	<2
X852099		3.36	<0.001			5	1	<2
X852100		0.08	<0.001			<2	<1	<2
X852101		2.66	<0.001			5	<1	<2
X852102		2.82	<0.001			3	<1	2
X852103		2.76	<0.001			<2	<1	<2
X852104		2.42	<0.001			4	<1	<2
X852105		3.06	<0.001			3	<1	<2
X852106		2.70	<0.001			4	<1	<2
X852107		2.68	<0.001			8	<1	<2
X852108		2.46	<0.001			68	<1	5
X852109		2.34	0.023			338	<1	15
X852110		0.08	0.898		0.88	7	<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: 5 (A)
Plus Appendix Pages
Finalized Date: 7-NOV-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS VA18245536

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-ICP21 Au ppm 0.05	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
X852111		3.02	0.011			400	1	38
X852112		2.28	0.016			240	<1	28
X852113		2.52	0.006			161	1	19
X852114		2.98	0.020			258	1	21
X852115		2.94	0.098			381	1	28
X852116		2.50	3.34		3.60	443	1	57
X852117		2.68	0.290			590	<1	31
X852118		2.12	0.047			167	<1	15
X852119		2.10	0.016			71	<1	6
X852120		0.08	<0.001			<2	<1	<2
X852121		2.44	0.003			8	<1	<2
X852122		2.84	0.003			5	<1	<2
X852123		2.56	<0.001			4	<1	<2
X852124		2.46	0.007			6	<1	<2
X852125		1.92	<0.001			2	<1	<2
X852126		2.16	<0.001			4	<1	<2
X852127		2.42	<0.001			4	<1	<2
X852128		2.46	<0.001			12	<1	<2
X852129		2.24	<0.001			6	<1	2
X852130		0.06	9.89		4.60	37	<1	5
X852131		2.62	0.015			15	<1	2
X852132		1.76	0.052			176	<1	16
X852133		1.48	<0.001			3	<1	<2
X852134		0.46	0.094			113	<1	2
X852135		2.58	0.043			72	<1	2
X852136		1.66	0.015			53	<1	<2
X852137		0.86	<0.001			11	<1	<2
X852138		1.90	0.001			29	<1	<2
X852139		2.36	<0.001			22	<1	<2
X852140		0.08	<0.001			3	<1	<2
X852141		1.74	<0.001			34	<1	2
X852142		1.86	0.001			26	<1	<2
X852143		2.54	<0.001			11	<1	<2
X852144		2.10	<0.001			28	<1	3
X852145		2.86	0.002			30	<1	2
X852146		2.90	<0.001			29	<1	4
X852147		2.64	<0.001			12	<1	<2
X852148		2.36	<0.001			12	<1	2
X852149		3.20	<0.001			17	<1	6
X852150		0.08	0.145			83	<1	22



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: 5 (A)
Plus Appendix Pages
Finalized Date: 7-NOV-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS VA18245536

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
X852151		2.52	0.001			30	<1	5
X852152		2.74	0.002			99	<1	8
X852153		2.38	1.680		1.68	1880	<1	309
X852154		2.26	0.040			308	<1	89
X852155		2.10	0.012			81	<1	10
X852156		2.66	0.020			30	<1	2
X852157		2.42	0.022			102	<1	9
X852158		2.38	0.012			308	<1	3
X852159		2.44	0.005			35	<1	2
X852160		0.08	<0.001			3	<1	<2
X852161		3.04	0.010			20	<1	2
X852162		2.66	0.007			24	<1	2
X852163		2.58	0.003			20	<1	2
X852164		2.52	0.011			29	<1	2
X852165		2.82	0.009			18	1	3
X852166		3.18	0.010			18	<1	3
X852167		2.96	<0.001			6	<1	<2
X852168		3.08	<0.001			7	<1	<2
X852169		2.56	0.006			38	<1	3
X852170		0.08	2.96		NSS	262	1	4
X852171		2.54	0.002			11	<1	<2
X852172		2.46	0.014			31	<1	4
X852173		2.76	0.005			9	<1	<2
X852174		3.20	0.001			7	<1	<2
X852175		3.06	<0.001			4	1	<2
X852176		2.20	0.005			19	1	5
X852177		2.28	0.005			21	<1	4
X852178		2.16	0.003			18	1	<2
X852179		2.92	<0.001			11	<1	5
X852180		0.08	<0.001			3	<1	<2
X852181		2.32	0.003			49	<1	12
X852182		2.40	<0.001			161	<1	9
X852183		3.10	<0.001			70	<1	<2
X852184		1.76	<0.001			71	<1	7
X852185		2.54	<0.001			35	1	6
X852186		2.96	<0.001			39	1	4
X852187		2.28	<0.001			50	1	4
X852188		2.88	0.019			93	<1	3
X852189		2.76	0.013			174	<1	23
X852190		0.08	1.000		0.93	9	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 BURNARD STREET
VANCOUVER BC V6C 2X8

Page: 5 - A
Total # Pages: 5 (A)
Plus Appendix Pages
Finalized Date: 7-NOV-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS VA18245536

Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-GRA21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.05	0.03	2	1	2
X852191		2.20	0.034			165	<1	38
X852192		2.18	>10.0	10.55	10.20	619	1	64



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: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-NOV-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS VA18245536

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA13	Au-GRA21	Au-ICP21	BAG-01
CRU-31	CRU-QC	LOG-21	LOG-23
ME-ICP41	PUL-32m	PUL-QC	SPL-21
WEI-21			