



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

**CERTIFICATE VA18245549**

Project: Coffee

P.O. No.: KGC-18-1619

This report is for 77 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: 3 (A)  
Plus Appendix Pages  
Finalized Date: 5-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18245549**

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
W835168		1.30	<0.001			8	<1	<2
W835169		1.48	0.002			14	<1	<2
W835170		0.10	6.44		4.58	39	<1	5
W835171		1.62	0.005			11	<1	<2
W835172		1.58	0.023			59	<1	5
W835173		1.28	0.033			39	<1	5
W835174		0.94	0.017			57	<1	6
W835175		1.46	0.011			37	<1	6
W835176		1.90	0.014			21	1	3
W835177		1.92	<0.001			4	<1	3
W835178		1.60	0.018			170	<1	8
W835179		1.34	6.83		6.18	1830	1	114
W835180		0.10	0.002			5	1	<2
W835181		1.66	0.586		0.57	633	1	44
W835182		1.50	0.036			218	<1	25
W835183		1.70	1.165		1.17	271	1	18
W835184		1.58	1.745		1.72	1600	1	35
W835185		1.84	3.17		2.81	2330	<1	100
W835186		1.76	1.790		1.72	2120	<1	46
W835187		1.62	5.66		5.10	1225	<1	51
W835188		1.78	0.963		0.53	1965	<1	35
W835189		1.34	0.162			381	<1	10
W835190		0.10	3.57		3.52	273	<1	<2
W835191		1.66	0.077			313	<1	5
W835192		1.60	2.69		2.51	1160	<1	13
W835193		1.52	>10.0	28.9	31.1	1575	<1	205
W835194		1.66	3.25		3.13	648	<1	82
W835195		1.58	0.893		0.87	110	<1	10
W835196		1.66	0.245			33	<1	2
W835197		1.70	0.344		0.34	33	<1	2
W835198		1.24	0.191			16	<1	<2
W835199		1.38	0.078			10	<1	<2
W835200		0.10	0.001			<2	<1	<2
W835201		2.14	0.071			14	<1	2
W835202		1.70	0.063			16	<1	<2
W835203		1.86	0.030			11	<1	<2
W835204		1.86	0.028			10	<1	<2
W835205		2.06	0.027			10	<1	<2
W835206		1.58	0.011			6	<1	<2
W835207		1.76	0.028			8	<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: 3 (A)  
Plus Appendix Pages  
Finalized Date: 5-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18245549**

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
W835208		1.52	0.031			10	<1	<2
W835209		1.40	0.033			9	<1	<2
W835210		0.10	0.661		0.73	3	<1	<2
W835211		1.74	0.104			22	<1	<2
W835212		2.00	0.035			7	<1	<2
W835213		1.84	0.028			3	1	<2
W835214		1.52	0.023			3	<1	<2
W835215		1.76	0.021			4	<1	<2
W835216		1.72	0.101			850	<1	10
W835217		1.64	0.028			3	<1	<2
W835218		1.22	0.010			20	<1	<2
W835219		1.26	0.002			30	<1	<2
W835220		0.10	0.001			<2	<1	<2
W835221		1.12	0.011			79	<1	3
W835222		1.20	0.005			66	<1	3
W835223		1.12	0.005			22	<1	<2
W835224		1.08	0.011			25	<1	<2
W835225		1.52	0.008			24	<1	<2
W835226		1.46	0.005			9	<1	<2
W835227		1.38	0.008			9	<1	<2
W835228		1.18	0.003			3	1	<2
W835229		1.38	0.003			136	<1	3
W835230		0.10	0.839		NSS	7	<1	<2
W835231		1.38	1.010		1.03	590	1	19
W835232		1.36	7.74		7.92	2420	3	59
W835233		1.28	>10.0	41.8	43.7	4390	4	43
W835234		1.46	0.525		0.52	109	<1	<2
W835235		1.06	0.094			57	<1	<2
W835236		1.26	0.050			114	1	3
W835237		1.00	0.038			34	<1	<2
W835238		1.42	0.053			20	<1	<2
W835239		1.20	0.026			32	<1	<2
W835240		0.10	0.001			<2	<1	<2
W835241		1.10	0.033			32	<1	<2
W835242		1.48	0.037			22	<1	<2
W835243		1.58	>10.0	78.2	>50	5420	3	42
W835244		1.26	0.083			25	<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: 5-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18245549**

**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			