



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: 8-NOV-2018
Account: KAMGOL

CERTIFICATE VA18245553

Project: Coffee

P.O. No.: KGC-18-1621

This report is for 81 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



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CERTIFICATE OF ANALYSIS VA18245553

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
X852193		2.52	0.115			209	<1	28
X852194		2.78	0.526		0.49	345	<1	64
X852195		3.26	1.380		1.29	343	<1	65
X852196		3.02	6.62		6.44	420	<1	440
X852197		2.98	3.72		3.21	1610	<1	320
X852198		3.46	2.82		2.35	3720	1	4320
X852199		1.50	>10.0	29.9	30.3	2410	1	1320
X852200		0.10	0.001			<2	<1	<2
X852201		2.22	>10.0	48.6	44.3	4310	<1	1650
X852202		2.96	>10.0	16.35	15.80	3020	<1	527
X852203		2.70	1.565		1.59	511	<1	120
X852204		3.32	0.836		0.85	135	<1	69
X852205		3.18	0.574		0.57	99	<1	47
X852206		2.48	0.247			68	<1	15
X852207		2.34	0.140			26	<1	10
X852208		2.62	0.095			21	<1	9
X852209		2.40	0.030			12	<1	5
X852210		0.10	8.91		NSS	40	<1	6
X852211		2.32	0.014			7	<1	3
X852212		2.06	0.016			7	<1	2
X852213		2.40	0.012			7	<1	<2
X852214		2.26	0.018			18	<1	2
X852215		2.58	0.003			8	<1	<2
X852216		3.02	0.004			6	<1	<2
X852217		2.96	0.004			6	<1	<2
X852218		2.60	0.001			8	<1	<2
X852219		2.00	0.003			14	<1	3
X852220		0.10	0.001			3	<1	<2
X852221		1.40	>10.0	43.4	43.0	3780	<1	1490
X852222		1.88	0.034			35	<1	5
X852223		2.42	0.044			59	<1	9
X852224		0.74	0.060			41	<1	6
X852225		0.92	0.010			8	<1	2
X852226		2.24	0.007			20	<1	<2
X852227		1.82	0.011			30	<1	<2
X852228		1.84	0.012			42	<1	2
X852229		2.16	0.008			15	<1	<2
X852230		0.10	0.763		0.63	4	1	<2
X852231		2.28	0.006			10	<1	<2
X852232		2.32	0.005			15	<1	3



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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
X852233		2.10	0.005			29	<1	4
X852234		1.86	0.004			50	<1	9
X852235		2.26	0.006			56	<1	14
X852236		1.78	0.019			246	<1	40
X852237		2.00	0.018			250	<1	36
X852238		2.26	0.002			65	<1	16
X852239		2.30	0.019			131	<1	35
X852240		0.10	<0.001			<2	1	<2
X852241		2.38	0.187			628	<1	201
X852242		2.48	0.064			445	1	149
X852243		2.34	0.058			331	<1	110
X852244		2.04	0.042			334	<1	84
X852245		2.18	0.070			529	<1	173
X852246		1.58	0.939		1.04	2600	1	198
X852247		1.88	6.07		6.31	2740	1	427
X852248		1.42	0.308		0.28	1645	<1	58
X852249		1.92	0.180			1375	1	31
X852250		0.10	3.42		3.26	268	<1	2
X852251		1.64	0.046			50	<1	4
X852252		2.76	0.089			84	<1	2
X852253		2.24	0.139			182	<1	7
X852254		2.16	0.037			15	<1	<2
X852255		2.16	0.015			5	<1	<2
X852256		2.50	0.016			20	<1	<2
X852257		2.18	0.006			10	<1	<2
X852258		2.24	0.005			4	<1	<2
X852259		2.72	0.027			174	<1	2
X852260		0.10	<0.001			<2	<1	<2
X852261		2.44	0.023			210	<1	4
X852262		1.86	<0.001			6	<1	<2
X852263		2.52	<0.001			11	<1	<2
X852264		2.30	<0.001			9	<1	<2
X852265		1.98	<0.001			3	<1	<2
X852266		2.52	0.002			64	1	<2
X852267		1.94	0.006			10	<1	<2
X852268		3.30	0.001			11	<1	<2
X852269		2.48	<0.001			3	<1	<2
X852270		0.10	6.04		5.95	520	<1	<2
X852271		2.90	<0.001			5	<1	<2
X852272		1.84	0.006			10	<1	<2



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-ICP21	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
X852273		1.72	<0.001			4	<1	<2



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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			