



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: 7-NOV-2018
Account: KAMGOL

CERTIFICATE WH18263410

Project: Coffee

P.O. No.: KGC-18-1658

This report is for 105 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 19-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 WH18263410

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
W836169		1.31	0.060			92	<1	3
W836170		0.06	0.757		0.72	4	<1	3
W836171		0.92	0.093			68	1	5
W836172		0.96	0.053			66	<1	5
W836173		0.55	0.055			63	1	3
W836174		0.52	0.007			34	1	<2
W836175		1.24	0.002			20	1	<2
W836176		0.83	0.005			53	<1	<2
W836177		1.73	0.006			47	<1	<2
W836178		1.35	0.017			257	<1	<2
W836179		2.03	0.001			27	1	<2
W836180		0.06	0.003			2	1	<2
W836181		1.94	0.001			28	<1	<2
W836182		2.07	<0.001			12	<1	<2
W836183		1.73	<0.001			10	<1	<2
W836184		2.24	<0.001			17	1	<2
W836185		1.92	<0.001			15	<1	<2
W836186		1.88	<0.001			9	<1	<2
W836187		1.47	<0.001			11	<1	<2
W836188		1.19	0.002			20	<1	<2
W836189		0.35	<0.001			11	<1	2
W836190		0.06	1.040		0.93	7	<1	<2
W836191		0.77	0.004			8	<1	<2
W836192		1.61	0.004			12	<1	<2
W836193		1.93	<0.001			4	<1	<2
W836194		1.79	0.009			8	<1	<2
W836195		1.59	0.003			12	<1	<2
W836196		1.72	0.005			23	<1	3
W836197		2.00	0.002			17	<1	2
W836198		1.73	<0.001			12	<1	2
W836199		1.22	0.536		0.56	465	<1	311
W836200		0.06	<0.001			2	<1	<2
W836201		1.39	0.458		0.48	1370	1	133
W836202		1.80	0.014			46	<1	11
W836203		2.12	0.014			50	<1	18
W836204		2.28	0.007			17	<1	6
W836205		1.82	0.006			13	<1	6
W836206		2.21	0.011			165	1	12
W836207		2.18	0.036			475	<1	18
W836208		1.94	0.003			20	<1	7



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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
W836209		1.72	0.057			21	<1	6
W836210		0.06	0.134			77	<1	23
W836211		1.52	<0.001			2	<1	<2
W836212		2.00	<0.001			33	<1	3
W836213		1.54	<0.001			15	<1	6
W836214		1.64	0.001			11	<1	4
W836215		1.96	0.003			8	<1	3
W836216		1.47	<0.001			6	<1	3
W836217		1.87	0.002			10	<1	<2
W836218		1.54	<0.001			10	<1	<2
W836219		1.50	<0.001			2	<1	<2
W836220		0.06	<0.001			<2	<1	<2
W836221		1.84	<0.001			4	<1	<2
W836222		1.81	<0.001			9	<1	2
W836223		1.53	<0.001			8	<1	2
W836224		1.52	0.006			42	<1	2
W836225		1.65	0.006			33	<1	3
W836226		1.30	0.001			27	<1	3
W836227		1.25	0.003			24	<1	3
W836228		1.56	<0.001			12	<1	3
W836229		1.57	<0.001			7	<1	4
W836230		0.06	3.56		3.26	265	<1	2
W836231		1.71	<0.001			6	1	<2
W836232		1.31	<0.001			8	<1	<2
W836233		1.19	<0.001			12	<1	5
W836234		1.10	<0.001			7	<1	2
W836235		1.88	0.002			25	<1	2
W836236		1.71	0.003			26	<1	2
W836237		1.47	<0.001			9	<1	<2
W836238		1.53	<0.001			23	<1	3
W836239		1.67	0.497		0.51	368	<1	15
W836240		0.06	<0.001			2	<1	<2
W836241		1.58	0.023			404	<1	96
W836242		1.59	0.626		0.61	868	1	73
W836243		1.68	0.771		0.73	477	1	44
W836244		1.68	0.076			122	<1	8
W836245		1.57	0.403		0.41	768	<1	23
W836246		1.80	2.89		2.69	2140	1	87
W836247		1.41	0.152			676	<1	78
W836248		1.34	0.722		0.71	1145	<1	191



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	BAG-01	CRU-31	CRU-QC	LOG-21
	LOG-23	PUL-32m	PUL-QC	SPL-21
	WEI-21			
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-AA13	Au-GRA21	Au-ICP21	ME-ICP41