



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: 26-NOV-2018
Account: KAMGOL

CERTIFICATE WH18276601

Project: Coffee

P.O. No.: KGC-18-1723

This report is for 80 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 1-NOV-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



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CERTIFICATE OF ANALYSIS WH18276601

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
W837827		1.58	0.018		32	<1	<2
W837828		1.26	0.030		71	<1	5
W837829		2.36	0.029		104	<1	4
W837830		0.06	3.67	NSS	257	<1	4
W837831		2.67	0.015		69	<1	<2
W837832		1.85	0.011		75	<1	2
W837833		1.54	0.012		70	<1	<2
W837834		1.62	0.012		89	<1	4
W837835		1.63	0.008		82	<1	6
W837836		1.63	0.014		109	<1	10
W837837		1.96	0.018		101	<1	8
W837838		1.78	0.036		111	<1	4
W837839		2.00	0.040		331	<1	11
W837840		0.06	0.001		<2	<1	2
W837841		2.12	1.350	1.47	823	1	6
W837842		1.97	0.153		548	<1	3
W837843		1.95	0.036		160	<1	3
W837844		1.85	0.014		155	<1	3
W837845		1.95	0.038		162	<1	3
W837846		1.92	0.037		111	<1	6
W837847		1.56	0.024		67	<1	3
W837848		2.46	0.010		32	<1	2
W837849		2.24	0.013		34	<1	2
W837850		0.06	0.660	NSS	4	<1	<2
W837851		1.52	0.041		125	<1	6
W837852		2.29	0.029		116	<1	6
W837853		2.65	0.023		38	<1	3
W837854		0.99	0.006		36	<1	2
W837855		2.33	0.129		444	<1	9
W837856		2.46	0.168		1265	<1	23
W837857		4.56	1.385	1.49	1795	<1	23
W837858		1.56	2.88	3.07	1845	1	197
W837859		2.49	0.578	0.60	791	<1	31
W837860		0.06	0.001		<2	<1	<2
W837861		2.28	0.045		200	<1	17
W837862		2.32	0.019		159	<1	3
W837863		2.49	0.021		143	<1	9
W837864		2.84	0.014		100	<1	4
W837865		2.66	0.009		51	<1	<2
W837866		2.74	0.009		125	<1	2



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
W837867		2.31	0.012		92	<1	<2
W837868		2.39	0.017		237	<1	3
W837869		2.25	0.008		86	<1	<2
W837870		0.06	0.949	0.88	6	<1	<2
W837871		2.50	0.015		36	<1	<2
W837872		2.51	0.014		42	<1	2
W837873		2.43	0.006		29	<1	<2
W837874		2.88	0.009		111	<1	4
W837875		2.20	0.011		56	<1	<2
W837876		2.13	0.007		43	<1	<2
W837877		2.33	0.011		140	<1	5
W837878		2.24	0.008		309	<1	12
W837879		2.80	0.008		74	<1	2
W837880		0.06	<0.001		<2	<1	<2
W837881		2.49	0.006		104	<1	2
W837882		2.14	0.009		111	<1	4
W837883		1.88	0.007		102	<1	21
W837884		2.29	0.014		121	<1	6
W837885		2.44	0.004		45	<1	<2
W837886		2.00	0.006		87	<1	3
W837887		2.95	0.002		32	<1	3
W837888		2.14	0.003		20	<1	<2
W837889		2.95	0.004		16	<1	<2
W837890		0.06	0.138		79	<1	21
W837891		2.96	0.004		39	<1	2
W837892		1.83	0.013		45	<1	3
W837893		2.53	0.003		12	<1	<2
W837894		2.35	0.006		27	<1	2
W837895		2.34	0.032		115	<1	10
W837896		1.88	1.005	1.04	667	1	43
W837897		2.11	0.040		47	<1	4
W837898		2.29	0.454	0.50	513	<1	14
W837899		2.14	0.036		127	<1	<2
W837900		0.06	0.001		<2	<1	<2
W837901		2.18	0.044		121	<1	2
W837902		2.49	0.020		131	<1	4
W837903		2.22	0.011		19	<1	<2
W837904		2.68	0.013		16	<1	<2
W837905		1.21	0.008		76	<1	2
W837906		1.89	0.014		17	<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 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-ICP21 ME-ICP41