



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 YW18258741

Project: Coffee

P.O. No.: KGC-18-1644

This report is for 93 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 15-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

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 YW18258741

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
W835495		0.24	0.160		89	<1	6
W835496		0.75	0.175		124	<1	7
W835497		1.57	0.053		68	<1	9
W835498		0.63	0.010		27	<1	3
W835499		0.66	0.007		23	<1	2
W835500		0.07	<0.001		3	<1	<2
W835501		1.01	0.006		29	<1	<2
W835502		1.07	0.009		25	<1	<2
W835503		0.92	0.003		17	<1	<2
W835504		0.77	0.001		2	<1	<2
W835505		0.91	0.001		5	<1	<2
W835506		1.38	0.001		6	<1	2
W835507		1.32	0.002		8	<1	<2
W835508		1.49	0.004		10	<1	<2
W835509		2.06	0.893	<0.03	7	<1	<2
W835510		0.07	2.62	NSS	270	<1	4
W835511		1.46	0.003		5	<1	<2
W835512		1.40	0.002		9	<1	<2
W835513		1.33	0.005		31	<1	3
W835514		1.49	0.003		18	<1	<2
W835515		1.42	0.008		25	<1	2
W835516		1.30	0.017		21	<1	3
W835517		1.03	0.072		516	<1	62
W835518		1.35	0.017		577	<1	14
W835519		1.48	0.017		177	<1	35
W835520		0.07	<0.001		2	<1	<2
W835521		1.43	0.001		80	<1	15
W835522		1.43	0.002		33	<1	5
W835523		1.21	0.002		15	<1	2
W835524		1.30	0.003		7	<1	<2
W835525		1.54	0.002		7	<1	<2
W835526		1.40	0.004		7	<1	<2
W835527		1.15	0.002		6	1	<2
W835528		1.40	0.002		12	1	2
W835529		1.12	0.002		7	<1	<2
W835530		0.07	6.02	5.80	507	1	3
W835531		1.41	0.002		12	<1	2
W835532		1.42	0.002		7	<1	<2
W835533		1.19	0.003		15	1	2
W835534		1.31	0.007		58	<1	5



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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
W835535		1.35	0.009		12	<1	<2
W835536		1.51	0.010		27	<1	4
W835537		1.35	0.018		33	<1	3
W835538		1.49	0.012		13	<1	3
W835539		1.54	0.018		40	<1	3
W835540		0.08	0.001		<2	<1	<2
W835541		1.48	0.014		79	1	2
W835542		1.67	1.470	1.54	454	1	30
W835543		1.41	1.450	1.58	1560	1	103
W835544		1.46	0.055		224	1	35
W835545		1.41	0.014		118	<1	18
W835546		1.51	0.013		181	1	50
W835547		1.60	0.013		70	<1	25
W835548		1.49	0.008		76	1	20
W835549		1.43	0.004		9	<1	<2
W835550		0.07	8.85	4.31	37	1	5
W835551		1.67	0.016		24	<1	9
W835552		1.54	0.007		16	1	2
W835553		1.58	0.003		5	<1	<2
W835554		1.42	<0.001		6	<1	<2
W835555		1.36	<0.001		5	1	<2
W835556		1.67	<0.001		2	<1	<2
W835557		1.63	0.004		51	<1	18
W835558		1.23	1.985	2.08	2140	1	521
W835559		1.41	6.97	7.09	2540	1	495
W835560		0.07	0.002		7	1	<2
W835561		1.68	1.340	1.29	2170	<1	95
W835562		1.58	0.121		137	<1	9
W835563		1.81	0.135		94	<1	11
W835564		1.69	0.096		50	<1	7
W835565		1.30	0.041		11	<1	2
W835566		2.01	0.023		17	<1	2
W835567		1.23	0.275		1615	1	21
W835568		1.68	0.022		78	<1	<2
W835569		1.77	0.031		46	<1	3
W835570		0.07	1.005	0.93	8	<1	<2
W835571		1.61	0.038		29	<1	3
W835572		1.64	0.042		26	<1	3
W835573		1.72	0.009		17	<1	3
W835574		1.69	0.003		5	<1	<2



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.03	2	1	2
W835575		1.67	0.003		14	<1	<2
W835576		1.82	0.006		8	<1	<2
W835577		1.64	0.012		10	<1	<2
W835578		1.75	0.167		33	<1	10
W835579		1.81	0.005		23	<1	<2
W835580		0.08	<0.001		2	<1	<2
W835581		1.71	0.031		55	<1	4
W835582		0.89	0.041		150	<1	17
W835583		0.81	0.003		107	<1	11
W835584		1.19	<0.001		12	<1	<2
W835585		1.63	<0.001		19	<1	2
W835586		1.13	7.52	7.78	2620	1	509
W835587		1.38	0.025		14	<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 Yellowknife located at # 8 - 3 Coronation Drive, X1A 0G5, Yellowknife, NT, 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