



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: 6-NOV-2018  
Account: KAMGOL

**CERTIFICATE WH18260960**

Project: Coffee

P.O. No.: KGC-18-1652

This report is for 72 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 17-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: 6-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18260960**

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
W836021		0.61	0.015			23	2	2
W836022		1.40	0.007			16	1	<2
W836023		1.28	0.004			19	<1	<2
W836024		1.44	0.003			9	1	<2
W836025		0.70	<0.001			6	1	<2
W836026		1.73	<0.001			5	1	<2
W836027		1.31	<0.001			10	1	<2
W836028		1.64	<0.001			10	1	<2
W836029		1.52	<0.001			7	1	<2
W836030		0.06	8.91		3.74	38	1	7
W836031		1.90	0.001			16	1	2
W836032		1.15	<0.001			30	1	2
W836033		1.06	<0.001			12	1	<2
W836034		1.36	<0.001			4	2	2
W836035		1.05	<0.001			4	1	<2
W836036		1.28	0.008			8	1	<2
W836037		1.02	<0.001			7	2	<2
W836038		1.14	<0.001			9	1	<2
W836039		1.30	<0.001			6	1	<2
W836040		0.06	<0.001			3	1	<2
W836041		0.88	<0.001			8	<1	<2
W836042		0.97	<0.001			13	1	<2
W836043		1.17	<0.001			7	1	<2
W836044		1.61	<0.001			115	1	12
W836045		1.35	<0.001			10	1	<2
W836046		1.36	<0.001			38	1	<2
W836047		1.40	<0.001			11	1	<2
W836048		1.24	<0.001			4	1	<2
W836049		1.40	<0.001			8	1	<2
W836050		0.06	0.966		0.91	8	<1	2
W836051		1.28	<0.001			6	1	<2
W836052		1.21	<0.001			4	<1	2
W836053		1.29	<0.001			4	1	2
W836054		1.17	<0.001			8	<1	<2
W836055		1.51	<0.001			5	<1	<2
W836056		1.46	<0.001			5	<1	<2
W836057		1.69	<0.001			3	<1	<2
W836058		1.35	<0.001			3	<1	<2
W836059		1.31	<0.001			4	<1	<2
W836060		0.06	<0.001			<2	<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: 6-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18260960**

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
W836061		1.29	0.001			6	<1	<2
W836062		1.42	0.004			8	<1	<2
W836063		1.26	<0.001			15	<1	2
W836064		1.52	<0.001			48	<1	3
W836065		1.08	0.034			244	<1	16
W836066		1.17	>10.0	11.60	11.85	750	1	22
W836067		1.19	>10.0	19.55	19.95	1885	2	57
W836068		1.07	1.120		1.16	316	<1	19
W836069		1.33	0.153			96	<1	4
W836070		0.06	6.31		6.06	523	<1	2
W836071		1.32	0.088			129	<1	6
W836072		1.71	0.192			183	<1	20
W836073		1.42	0.019			48	<1	7
W836074		1.24	0.054			36	<1	5
W836075		1.34	0.009			37	<1	5
W836076		1.43	0.013			53	<1	6
W836077		1.63	0.008			94	1	12
W836078		1.71	0.008			34	<1	2
W836079		1.45	0.003			18	<1	<2
W836080		0.06	0.002			<2	1	<2
W836081		1.19	0.006			12	<1	<2
W836082		1.49	0.003			8	<1	<2
W836083		1.19	0.006			17	<1	<2
W836084		1.28	0.057			7	<1	<2
W836085		1.06	0.003			8	<1	<2
W836086		1.50	0.002			17	<1	2
W836087		1.13	0.004			30	<1	2
W836088		0.98	0.005			39	<1	6
W836089		1.57	0.001			16	<1	4
W836090		0.06	0.740		NSS	4	<1	<2
W836091		1.63	>10.0	31.5	33.2	1900	3	64
W836092		1.41	0.064			11	<1	3



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: 6-NOV-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18260960**

**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-GRA21 Au-ICP21 ME-ICP41