



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: 15-NOV-2018
Account: KAMGOL

CERTIFICATE WH18270324

Project: Coffee

P.O. No.: KGC-18-1685

This report is for 107 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 26-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 WH18270324

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
W837022		0.68	0.085		113	<1	5
W837023		1.19	0.161		171	<1	11
W837024		0.80	0.193		194	<1	11
W837025		1.11	0.081		119	<1	10
W837026		1.35	0.051		107	<1	6
W837027		1.95	0.061		77	<1	4
W837028		1.25	0.036		64	<1	5
W837029		1.61	0.033		68	<1	3
W837030		0.06	6.35	5.71	552	<1	4
W837031		1.49	0.131		482	<1	13
W837032		1.80	0.106		693	1	19
W837033		2.43	0.128		679	<1	16
W837034		1.88	0.108		454	<1	19
W837035		2.05	0.355	0.37	591	1	27
W837036		2.55	0.496	0.53	1300	1	51
W837037		1.90	0.070		199	<1	5
W837038		2.63	0.076		263	<1	9
W837039		2.79	0.078		205	<1	5
W837040		0.06	0.001		<2	<1	<2
W837041		2.35	0.120		759	<1	14
W837042		2.12	0.142		852	<1	31
W837043		2.00	0.082		580	1	23
W837044		3.11	1.780	1.83	1900	1	15
W837045		2.62	0.149		503	<1	19
W837046		2.03	0.831	0.87	939	1	10
W837047		2.20	0.073		462	1	11
W837048		2.53	0.056		284	1	2
W837049		2.60	0.038		97	<1	2
W837050		0.06	0.730	0.66	4	<1	2
W837051		2.88	0.086		481	<1	3
W837052		3.07	1.525	1.57	1060	1	14
W837053		2.18	1.025	1.07	1210	1	15
W837054		2.75	0.146		646	1	17
W837055		2.85	0.934	0.96	2100	2	27
W837056		2.93	1.885	1.97	3930	2	20
W837057		2.75	0.236		1580	1	24
W837058		2.78	1.075	1.16	1960	1	18
W837059		3.49	6.68	6.69	6160	1	29
W837060		0.06	<0.001		9	<1	<2
W837061		2.35	0.157		548	<1	4



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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
W837062		2.70	0.234		919	1	23
W837063		2.39	0.133		695	1	18
W837064		2.74	0.032		287	<1	8
W837065		2.59	0.013		69	<1	3
W837066		2.89	0.058		277	<1	3
W837067		2.56	0.066		357	1	4
W837068		3.20	0.087		577	<1	5
W837069		3.18	0.011		139	<1	2
W837070		0.06	0.141		78	1	23
W837071		2.97	0.014		244	1	3
W837072		2.52	0.021		312	1	2
W837073		2.53	0.008		99	<1	2
W837074		2.22	0.007		70	1	<2
W837075		2.03	0.115		944	1	6
W837076		3.04	0.088		528	1	4
W837077		3.09	0.516	0.52	1720	<1	5
W837078		2.40	0.314	0.33	1470	<1	9
W837079		2.21	0.529	0.50	1200	<1	7
W837080		0.06	<0.001		4	<1	<2
W837081		2.83	2.89	2.80	1625	<1	5
W837082		2.22	0.965	0.89	2110	<1	49
W837083		2.60	0.100		351	<1	10
W837084		2.37	0.018		148	<1	7
W837085		2.20	0.018		176	<1	8
W837086		2.24	0.025		140	<1	6
W837087		2.84	0.073		130	<1	7
W837088		2.78	0.039		154	<1	10
W837089		2.15	0.014		50	<1	<2
W837090		0.06	9.37	5.02	38	<1	5
W837091		2.47	0.007		53	<1	<2
W837092		2.49	0.005		49	<1	2
W837093		2.04	0.018		381	<1	<2
W837094		2.33	0.238		753	<1	3
W837095		2.28	0.014		62	<1	<2
W837096		3.24	0.004		34	<1	<2
W837097		2.27	0.648	0.63	669	<1	9
W837098		2.20	0.229		863	1	23
W837099		2.37	0.039		254	<1	3
W837100		0.06	0.001		<2	<1	<2
W837101		2.54	0.006		342	<1	<2



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W837102		1.95	0.720	0.42	1910	<1	4
W837103		2.08	0.086		257	<1	<2
W837104		2.80	0.006		144	<1	<2
W837105		2.10	0.003		15	<1	<2
W837106		1.86	0.001		6	<1	<2
W837107		4.11	0.001		8	<1	<2
W837108		2.21	<0.001		3	<1	<2
W837109		1.51	0.001		3	<1	<2
W837110		0.06	3.53	3.34	267	<1	2
W837111		2.01	<0.001		<2	<1	<2
W837112		2.35	0.006		8	<1	<2
W837113		1.96	0.001		4	<1	<2
W837114		2.79	<0.001		12	1	<2
W837115		2.65	0.001		8	<1	<2
W837116		2.43	0.001		7	<1	<2
W837117		2.26	<0.001		4	<1	<2
W837118		2.39	0.022		38	<1	<2
W837119		2.09	0.011		24	<1	<2
W837120		0.06	0.002		<2	<1	<2
W837121		2.36	0.005		15	<1	3
W837122		3.22	0.001		4	<1	<2
W837123		2.40	0.001		5	<1	<2
W837124		2.53	0.002		10	<1	2
W837125		2.82	0.001		5	<1	<2
W837126		2.71	0.001		4	<1	<2
W837127		1.98	2.66	2.51	2110	<1	5
W837128		1.94	0.008		10	<1	<2



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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-23	PUL-32m	PUL-QC
	WEI-21		
			LOG-21
			SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA13	Au-ICP21	ME-ICP41