



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: 22-NOV-2018
Account: KAMGOL

CERTIFICATE WH18270387

Project: Coffee

P.O. No.: KGC-18-1691

This report is for 86 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
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 WH18270387

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
W837364		1.98	0.025			58	<1	4
W837365		2.80	0.038			96	<1	5
W837366		2.71	0.051			114	<1	7
W837367		2.18	0.048			144	<1	8
W837368		1.43	0.018			34	<1	<2
W837369		1.28	0.036			114	<1	7
W837370		0.06	0.669		0.72	5	<1	<2
W837371		1.62	0.012			61	1	6
W837372		1.67	0.006			24	<1	2
W837373		1.59	0.008			43	<1	3
W837374		1.66	0.014			51	<1	6
W837375		2.01	0.006			19	<1	2
W837376		1.79	0.005			18	<1	3
W837377		1.79	0.009			71	<1	9
W837378		1.91	0.007			112	<1	13
W837379		1.63	0.015			109	<1	11
W837380		0.06	<0.001			<2	<1	<2
W837381		1.66	0.011			15	<1	<2
W837382		2.12	0.013			43	<1	2
W837383		2.32	0.017			45	<1	2
W837384		2.22	0.009			29	<1	<2
W837385		1.84	0.003			19	<1	4
W837386		1.92	0.014			73	<1	2
W837387		1.09	0.004			28	<1	5
W837388		1.36	0.013			37	<1	3
W837389		1.62	0.008			30	<1	3
W837390		0.06	0.970		0.87	8	<1	<2
W837391		1.49	0.002			27	<1	<2
W837392		1.34	0.001			7	<1	<2
W837393		1.59	<0.001			5	1	<2
W837394		1.32	0.018			85	<1	9
W837396		1.38	0.001			5	<1	<2
W837397		1.30	0.007			187	<1	50
W837398		1.20	0.012			113	1	30
W837399		1.36	0.004			218	1	34
W837400		0.06	0.001			2	<1	<2
W837401		1.24	0.014			284	<1	32
W837402		1.24	>10.0	10.35	10.70	1230	<1	129
W837403		1.48	>10.0	14.75	15.10	2030	1	171
W837404		1.19	0.631		0.64	287	<1	42



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W837405		1.34	0.368		0.37	202	<1	29
W837406		1.03	0.198			392	<1	63
W837407		1.72	0.133			285	<1	42
W837408		1.36	0.159			439	<1	62
W837409		1.47	0.120			294	<1	55
W837410		0.06	0.147			80	<1	23
W837411		0.98	0.193			24	<1	5
W837412		1.46	0.098			27	<1	6
W837413		1.45	0.036			67	<1	13
W837414		1.22	0.094			17	<1	4
W837415		1.92	0.061			17	<1	4
W837416		1.12	0.074			16	<1	4
W837417		1.21	0.103			12	<1	3
W837418		1.88	0.088			16	<1	4
W837419		1.15	0.075			14	<1	4
W837420		0.06	<0.001			<2	<1	<2
W837421		1.14	0.012			28	<1	4
W837422		1.47	0.005			10	<1	3
W837423		1.37	0.002			7	<1	2
W837424		1.69	0.004			2	<1	2
W837425		1.75	0.007			4	<1	<2
W837426		1.44	0.612		0.62	41	<1	2
W837427		1.62	0.012			6	<1	<2
W837428		1.17	0.006			2	<1	2
W837429		1.42	0.006			6	<1	<2
W837430		0.06	3.64		3.27	260	<1	<2
W837431		1.16	0.010			5	<1	2
W837432		1.02	0.004			5	<1	<2
W837433		1.23	0.002			2	<1	<2
W837434		0.97	0.005			102	<1	4
W837435		1.20	0.005			97	<1	7
W837436		1.20	0.006			84	<1	6
W837437		1.28	<0.001			11	<1	<2
W837438		0.64	<0.001			8	<1	2
W837439		1.45	<0.001			175	<1	12
W837440		0.06	<0.001			3	<1	<2
W837441		1.55	<0.001			270	<1	16
W837442		1.34	0.007			506	1	33
W837443		1.35	1.430		0.90	2340	<1	62
W837444		1.28	0.020			170	<1	11



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		Recvd Wt.	Au	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.05	0.03	2	1	2
W837445		1.49	0.008			52	<1	4
W837446		1.22	0.001			22	<1	2
W837447		1.28	0.008			27	<1	3
W837448		1.08	0.007			165	<1	47
W837449		1.48	0.005			24	<1	3
W837450		0.06	6.17		5.71	512	<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-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