



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: 13-NOV-2018
Account: KAMGOL

CERTIFICATE WH18268988

Project: Coffee

P.O. No.: KGC-18-1679

This report is for 75 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 25-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 WH18268988

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
W836829		1.54	1.100	1.04	686	<1	26
W836830		0.06	0.146		82	<1	21
W836831		1.20	3.24	3.15	1745	2	35
W836832		2.27	0.753	0.76	605	1	12
W836833		0.63	0.233		267	1	9
W836834		1.08	0.053		129	<1	5
W836835		1.09	0.048		121	<1	5
W836836		1.32	0.013		104	<1	4
W836837		1.49	0.013		80	<1	3
W836838		1.55	0.021		88	<1	2
W836839		1.59	0.283		660	1	10
W836840		0.06	<0.001		2	<1	<2
W836841		1.52	0.351	0.36	772	1	18
W836842		1.37	0.068		250	1	21
W836843		1.50	0.062		596	1	34
W836844		1.21	0.237		680	<1	28
W836845		1.13	0.115		1350	1	25
W836846		1.54	0.017		168	<1	3
W836847		1.24	0.022		149	<1	7
W836848		1.20	0.019		164	<1	5
W836849		1.33	0.019		225	<1	6
W836850		0.06	9.09	4.20	39	1	7
W836851		1.21	0.017		302	<1	7
W836852		1.10	1.425	1.51	1430	1	22
W836853		1.18	1.010	1.02	1710	3	45
W836854		1.09	0.224		1005	1	37
W836855		1.02	0.061		188	1	10
W836856		1.02	0.020		86	1	2
W836857		1.11	0.086		332	1	11
W836858		0.99	0.051		543	<1	14
W836859		0.83	0.052		226	<1	13
W836860		0.06	<0.001		<2	<1	<2
W836861		1.26	0.024		109	1	6
W836862		1.24	0.018		80	1	4
W836863		0.94	0.050		84	1	4
W836864		1.28	0.022		53	1	3
W836865		1.27	0.025		56	<1	<2
W836866		1.15	0.030		84	<1	2
W836867		0.97	0.032		79	1	2
W836868		1.37	0.024		65	<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
W836869		1.25	0.019		35	<1	<2
W836870		0.06	3.66	3.54	255	1	3
W836871		0.97	0.027		41	<1	<2
W836872		0.98	0.058		45	<1	<2
W836873		0.89	0.020		33	<1	<2
W836874		1.08	0.012		17	1	2
W836875		1.11	0.008		49	<1	<2
W836876		1.11	0.020		245	<1	2
W836877		0.98	0.174		1475	1	20
W836878		1.21	0.799	0.80	1525	<1	7
W836879		1.49	0.306	0.31	857	1	26
W836880		0.06	<0.001		2	<1	<2
W836881		1.30	0.042		460	1	10
W836882		1.57	0.019		141	<1	3
W836883		1.38	0.014		69	<1	<2
W836884		1.31	0.036		93	<1	2
W836885		1.33	0.015		86	<1	2
W836886		1.16	0.022		379	<1	2
W836887		0.91	0.012		293	<1	<2
W836888		1.26	0.008		39	<1	2
W836889		1.20	0.005		11	<1	<2
W836890		0.06	0.710	0.68	4	<1	<2
W836891		1.20	0.003		11	<1	<2
W836892		1.18	0.003		6	<1	<2
W836893		1.62	0.004		13	<1	<2
W836894		1.30	0.004		13	<1	<2
W836895		1.82	0.019		42	1	2
W836896		1.45	0.004		7	<1	<2
W836897		1.81	0.001		4	<1	<2
W836898		1.54	0.004		12	<1	<2
W836899		1.47	0.002		6	<1	<2
W836900		0.06	0.001		<2	<1	<2
W836901		1.25	0.004		77	<1	<2
W836902		1.08	0.191		1600	1	21
W836903		1.18	0.001		9	<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