



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: 18-JAN-2019
Account: KAMGOL

CERTIFICATE WH18318110

Project: COFFEE

P.O. No.: KGC-18-1965

This report is for 90 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-DEC-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 WH18318110

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
Y428946		2.90	0.004		48	<1	2
Y428947		2.34	0.016		105	<1	<2
Y428948		2.70	0.005		115	<1	3
Y428949		2.64	<0.001		290	<1	2
Y428950		0.12	3.60	3.40	257	<1	4
Y428951		2.68	0.006		214	<1	2
Y428952		2.48	0.062		704	<1	3
Y428953		2.40	0.001		190	<1	2
Y428954		2.44	0.012		598	<1	2
Y428955		2.56	0.004		340	<1	3
Y428956		2.20	<0.001		272	<1	3
Y428957		2.30	0.003		129	<1	4
Y428958		2.58	0.001		171	<1	<2
Y428959		2.60	<0.001		60	<1	2
Y428960		0.12	<0.001		2	<1	<2
Y428961		1.74	<0.001		345	<1	3
Y428962		1.54	2.68	1.22	3840	<1	8
Y428963		1.84	0.624	0.23	1150	<1	4
Y428964		2.46	7.33	2.24	3930	<1	12
Y428965		1.34	0.012		79	<1	3
Y428966		1.40	0.374	0.10	1135	<1	4
Y428967		2.04	0.237		2630	<1	6
Y428968		2.20	0.016		1095	<1	4
Y428969		2.02	0.004		772	<1	2
Y428970		0.10	6.26	5.45	531	<1	4
Y428971		1.96	2.16	2.02	1690	<1	9
Y428972		1.36	0.885	0.86	2630	<1	11
Y428973		1.88	0.171		1505	<1	2
Y428974		1.80	0.005		100	<1	<2
Y428975		2.38	0.001		305	<1	<2
Y428976		2.70	<0.001		240	<1	3
Y428977		2.26	<0.001		122	<1	3
Y428978		2.34	<0.001		129	<1	<2
Y428979		2.52	0.001		605	<1	<2
Y428980		0.54	<0.001		2	<1	<2
Y428981		2.18	<0.001		435	<1	4
Y428982		2.40	<0.001		480	<1	3
Y428983		2.70	1.985	1.25	4750	<1	8
Y428984		2.14	4.95	1.12	4550	<1	8
Y428985		2.64	0.093		1315	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
Y428986		2.44	0.089		697	<1	3
Y428987		1.82	0.503	0.30	1730	<1	11
Y428988		2.32	2.10	1.62	2800	<1	7
Y428989		2.08	0.123		659	<1	4
Y428990		0.12	8.54	3.73	40	<1	4
Y428991		1.00	4.36	0.41	5210	<1	7
Y428992		1.16	2.83	0.34	4690	1	6
Y428993		2.40	0.180		1395	<1	6
Y428994		2.16	4.51	4.09	3160	1	8
Y428995		1.02	0.062		1215	<1	5
Y428996		1.40	2.86	2.56	2530	1	7
Y428997		1.40	0.546	0.48	2510	1	9
Y428998		1.00	2.37	2.33	3430	<1	9
Y428999		1.34	2.94	1.56	2050	<1	9
Y429000		0.12	<0.001		5	<1	<2
Y429001		2.38	3.00	0.94	1520	<1	5
Y429002		2.88	0.443	0.03	1270	<1	2
Y429003		2.56	0.013		60	<1	2
Y429004		2.26	0.005		28	<1	2
Y429005		2.36	<0.001		175	<1	2
Y429006		2.40	0.315	<0.03	1235	<1	4
Y429007		2.80	<0.001		87	<1	<2
Y429008		2.52	<0.001		31	<1	<2
Y429009		2.64	<0.001		29	<1	2
Y429010		0.12	1.000	0.93	7	<1	<2
Y429011		2.64	0.001		142	<1	8
Y429012		2.50	<0.001		49	<1	3
Y429013		2.68	0.002		34	<1	<2
Y429014		2.38	<0.001		56	<1	<2
Y429015		2.56	0.003		30	<1	<2
Y429016		2.64	<0.001		71	<1	<2
Y429017		2.38	<0.001		19	<1	<2
Y429018		2.50	<0.001		21	<1	<2
Y429019		2.52	0.002		70	<1	2
Y429020		0.52	<0.001		<2	<1	<2
Y429021		2.90	<0.001		20	<1	<2
Y429022		2.62	<0.001		28	<1	3
Y429023		2.80	<0.001		16	<1	<2
Y429024		2.60	0.044		191	<1	<2
Y429025		1.08	0.001		87	<1	3



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA13 Au-ICP21 BAG-01 CRU-31
CRU-QC LOG-21 LOG-23 ME-ICP41
PUL-32m PUL-QC SPL-21 WEI-21