



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 YW18255414

Project: COFFEE

P.O. No.: KGC-18-1640

This report is for 58 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 11-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 YW18255414

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
W835437		1.21	0.062		80	<1	3
W835438		1.41	0.036		171	<1	7
W835439		1.42	0.013		74	<1	<2
W835440		0.08	<0.001		<2	<1	<2
W835441		1.45	0.006		68	<1	<2
W835442		1.48	0.011		77	<1	3
W835443		1.46	0.005		28	<1	<2
W835444		1.62	0.006		72	<1	<2
W835445		1.23	0.006		73	<1	<2
W835446		1.50	0.006		24	<1	<2
W835447		1.46	0.006		21	<1	2
W835448		1.63	0.005		15	<1	3
W835449		1.56	0.002		10	<1	<2
W835450		0.08	0.701	0.62	4	<1	<2
W835451		1.37	0.006		16	<1	3
W835452		1.19	0.004		15	<1	<2
W835453		1.44	0.003		9	<1	<2
W835454		1.63	0.002		13	<1	2
W835455		1.57	<0.001		3	<1	<2
W835456		1.45	0.004		13	<1	<2
W835457		1.35	0.009		53	<1	3
W835458		1.38	0.012		54	<1	4
W835459		1.55	0.006		350	<1	27
W835460		0.08	<0.001		2	<1	<2
W835461		1.16	0.008		172	<1	5
W835462		1.95	0.037		543	<1	20
W835463		1.44	0.006		63	<1	2
W835464		1.51	0.143		325	1	9
W835465		1.54	0.011		437	<1	41
W835466		1.56	0.008		159	1	14
W835467		1.51	0.017		338	<1	57
W835468		1.45	0.005		244	<1	47
W835469		1.32	0.002		531	<1	92
W835470		0.08	0.969	1.03	9	<1	<2
W835471		1.52	0.004		305	<1	67
W835472		1.44	0.006		269	<1	40
W835473		1.48	0.007		233	<1	31
W835474		1.68	0.011		235	<1	42
W835475		1.57	3.27	3.32	851	<1	93
W835476		1.67	6.53	6.57	1565	1	245



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.03	2	1	2
W835477		1.00	0.245		1010	1	64
W835478		1.87	0.032		147	<1	14
W835479		1.41	0.015		45	<1	5
W835480		0.08	<0.001		<2	<1	<2
W835481		2.04	0.009		19	<1	2
W835482		1.61	0.010		28	<1	<2
W835483		1.83	0.010		44	<1	2
W835484		1.53	0.015		46	<1	<2
W835485		1.56	0.008		17	<1	<2
W835486		1.99	0.006		8	<1	<2
W835487		1.58	0.015		16	<1	<2
W835488		1.71	0.010		10	<1	<2
W835489		1.66	0.006		8	<1	<2
W835490		0.08	0.140		78	1	23
W835491		1.65	0.009		13	<1	<2
W835492		1.52	0.011		16	<1	2
W835493		1.36	7.01	6.94	1590	1	240
W835494		1.89	0.008		12	<1	<2



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Yellowknife located at # 8 - 3 Coronation Drive, X1A 0G5, Yellowknife, NT, 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