



ALS Canada Ltd.

2103 Dollarton Hwy
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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-JAN-2019
Account: KAMGOL

CERTIFICATE WH18321500

Project: COFFEE

P.O. No.: KGC-18-1975

This report is for 110 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-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 WH18321500

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
Y025575		2.92	0.016		70	<1	3
Y025576		2.50	0.017		239	<1	18
Y025577		1.94	0.009		67	<1	3
Y025578		2.76	0.003		43	<1	3
Y025579		2.56	0.011		51	<1	5
Y025580		0.10	<0.001		<2	<1	<2
Y025581		2.82	0.002		100	<1	11
Y025582		2.52	0.004		66	<1	5
Y025583		2.10	<0.001		73	<1	3
Y025584		0.98	0.003		55	<1	5
Y025585		0.96	0.003		54	<1	4
Y025586		2.88	0.026		112	<1	6
Y025587		2.38	0.074		228	<1	14
Y025588		2.24	0.038		193	<1	7
Y025589		2.40	0.031		509	<1	10
Y025590		0.10	6.15	6.13	520	<1	6
Y025591		2.42	0.058		758	1	14
Y025592		2.02	0.030		362	1	14
Y025593		2.34	0.009		221	1	9
Y025594		2.14	0.017		214	1	7
Y025595		2.66	0.023		233	<1	8
Y025596		2.64	0.054		167	<1	6
Y025597		1.78	0.053		126	1	5
Y025598		1.70	0.022		113	<1	3
Y025599		2.26	0.016		124	<1	4
Y025600		0.50	<0.001		4	<1	<2
Y025601		1.84	0.034		111	<1	6
Y025602		2.50	0.022		92	<1	5
Y025603		2.92	0.040		73	<1	3
Y025604		2.86	0.031		124	<1	6
Y025605		2.64	0.041		89	<1	4
Y025606		2.58	0.044		48	<1	5
Y025607		2.68	0.026		303	1	8
Y025608		2.70	0.012		41	<1	2
Y025609		2.24	0.011		74	<1	7
Y025610		0.10	0.142		79	<1	22
Y025611		2.98	0.176		747	<1	10
Y025612		2.92	0.017		137	<1	4
Y025613		2.54	0.032		209	<1	8
Y025614		2.70	0.057		155	<1	7



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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
Y025615		2.38	0.016		88	<1	4
Y025616		1.86	2.94	3.11	1065	1	8
Y025617		2.42	0.129		431	<1	10
Y025618		1.82	0.080		326	<1	18
Y025619		1.34	0.088		504	1	28
Y025620		0.12	<0.001		<2	<1	<2
Y025621		1.08	0.324	0.33	2630	1	121
Y025622		1.04	3.15	3.30	1740	1	531
Y025623		1.00	4.79	4.92	1815	2	398
Y025624		2.42	5.58	5.85	1565	1	141
Y025625		2.64	0.231		542	<1	12
Y025626		2.76	0.029		82	<1	4
Y025627		2.24	0.024		55	<1	3
Y025628		2.64	0.042		119	<1	3
Y025629		3.10	0.327	0.37	716	<1	10
Y025630		0.10	0.974	1.03	9	<1	2
Y025631		2.34	0.096		394	<1	6
Y025632		2.30	0.032		158	<1	4
Y025633		2.30	0.076		195	<1	3
Y025634		2.72	0.092		482	<1	5
Y025635		2.06	1.250	0.83	2370	<1	7
Y025636		1.72	0.035		59	<1	2
Y025637		1.68	0.023		10	<1	<2
Y025638		2.54	0.110		23	<1	<2
Y025639		2.74	0.005		13	<1	3
Y025640		0.46	<0.001		<2	<1	<2
Y025641		2.76	0.005		16	<1	2
Y025642		2.34	0.013		135	<1	4
Y025643		2.40	0.040		47	<1	<2
Y025644		2.98	0.012		69	<1	2
Y025645		2.32	0.077		34	<1	<2
Y025646		2.42	0.032		48	<1	<2
Y025647		2.18	0.041		73	<1	<2
Y025648		1.88	0.026		139	<1	4
Y025649		1.38	0.017		81	<1	2
Y025650		0.10	0.715	0.68	3	<1	<2
Y025651		1.92	0.025		341	<1	5
Y025652		2.74	1.390	1.46	1275	1	11
Y025653		2.60	0.047		203	<1	2
Y025654		2.56	0.034		201	<1	7



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		Recvd Wt.	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.03	2	1	2
Y025655		2.34	0.010		63	<1	<2
Y025656		2.06	0.286		1230	<1	6
Y025657		1.56	1.805	1.93	2490	1	9
Y025658		1.40	0.040		313	<1	7
Y025659		2.28	0.022		99	<1	2
Y025660		0.10	<0.001		<2	<1	<2
Y025661		2.18	0.036		108	<1	3
Y025662		2.58	0.007		36	<1	2
Y025663		3.00	0.030		88	<1	3
Y025664		2.32	0.009		94	<1	2
Y025665		2.68	0.007		82	<1	<2
Y025666		2.34	0.002		57	<1	<2
Y025667		2.64	<0.001		30	<1	<2
Y025668		2.52	<0.001		11	<1	<2
Y025669		2.74	0.004		19	<1	2
Y025670		0.10	6.13	6.18	527	<1	7
Y025671		2.86	<0.001		15	<1	3
Y025672		1.54	<0.001		11	<1	2
Y025673		1.08	<0.001		13	<1	2
Y025674		2.94	<0.001		20	<1	2
Y025675		2.70	<0.001		6	<1	3
Y025676		2.54	0.006		214	<1	5
Y025677		2.30	<0.001		87	<1	<2
Y025678		1.34	<0.001		74	<1	<2
Y025679		2.02	<0.001		78	<1	<2
Y025680		0.48	<0.001		<2	<1	<2
Y025681		2.58	0.001		113	<1	<2
Y025682		2.72	<0.001		41	<1	<2
Y025683		2.80	0.001		114	<1	<2
Y025684		2.70	<0.001		11	<1	<2



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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