



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: 5 (A)
Plus Appendix Pages
Finalized Date: 20-DEC-2018
Account: KAMGOL

CERTIFICATE WH18304087

Project: Coffee

P.O. No.: KGC-18-1844

This report is for 135 Drill Core samples submitted to our lab in Whitehorse, YT,
Canada on 29-NOV-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 WH18304087

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
Y023767		3.29	0.009		85	<1	8
Y023768		2.33	<0.001		15	<1	<2
Y023769		3.01	0.001		20	<1	<2
Y023770		0.06	0.981	0.96	8	<1	2
Y023771		2.54	0.005		8	<1	2
Y023772		2.54	0.014		90	<1	12
Y023773		2.23	0.017		77	<1	11
Y023774		2.78	0.005		43	<1	5
Y023775		2.59	0.002		23	<1	<2
Y023776		2.54	0.003		24	<1	<2
Y023777		3.34	0.013		107	<1	21
Y023778		2.16	0.008		293	1	47
Y023779		2.61	0.060		902	1	17
Y023780		0.12	<0.001		12	<1	<2
Y023781		2.60	1.910	2.03	6230	3	56
Y023782		1.38	0.008		69	<1	6
Y023783		1.11	0.021		80	1	8
Y023784		2.86	0.003		22	<1	2
Y023785		3.15	0.022		126	1	13
Y023786		2.48	0.002		29	<1	4
Y023787		2.49	0.002		20	1	3
Y023788		2.64	0.006		46	<1	7
Y023789		2.85	0.006		35	<1	4
Y023790		0.06	9.32	5.24	37	<1	6
Y023791		3.15	0.014		57	<1	11
Y023792		2.65	<0.001		13	<1	2
Y023793		2.70	0.002		23	<1	4
Y023794		2.60	<0.001		15	<1	<2
Y023795		2.50	<0.001		5	<1	<2
Y023796		2.75	0.008		46	<1	<2
Y023797		2.64	<0.001		20	<1	<2
Y023798		2.58	0.006		138	<1	<2
Y023799		2.98	0.043		57	<1	<2
Y023800		0.07	<0.001		<2	<1	<2
Y023801		2.93	<0.001		10	<1	<2
Y023802		2.51	<0.001		6	<1	<2
Y023803		2.76	<0.001		3	<1	<2
Y023804		2.59	0.010		32	<1	2
Y023805		2.96	2.10	0.23	4450	1	16
Y023806		2.61	0.004		106	<1	6



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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
Y023807		2.62	0.002		123	<1	10
Y023808		2.22	<0.001		162	<1	5
Y023809		1.84	<0.001		1715	5	18
Y023810		0.05	0.667	0.62	7	<1	<2
Y023811		2.28	0.357	0.06	7350	3	18
Y023812		1.59	0.270		541	1	5
Y023813		2.41	<0.001		181	<1	5
Y023814		1.58	<0.001		50	<1	7
Y023815		1.03	<0.001		161	<1	8
Y023816		2.89	7.86	7.07	4570	1	11
Y023817		2.39	5.11	3.05	1985	<1	7
Y023818		1.35	0.636	0.25	285	<1	3
Y023819		1.67	0.191		333	<1	4
Y023820		0.11	0.003		6	<1	<2
Y023821		1.94	0.001		11	<1	2
Y023822		2.44	0.026		149	<1	2
Y023823		2.83	0.115		408	<1	3
Y023824		2.51	0.013		231	<1	4
Y023825		2.67	0.002		10	<1	<2
Y023826		2.46	0.005		45	<1	<2
Y023827		2.24	0.003		16	<1	<2
Y023828		2.56	0.001		8	1	<2
Y023829		2.65	0.007		8	<1	<2
Y023830		0.06	3.55	3.52	249	<1	6
Y023831		2.63	<0.001		15	<1	<2
Y023832		2.60	<0.001		10	<1	2
Y023833		2.55	<0.001		16	1	<2
Y023834		3.01	<0.001		35	<1	8
Y023835		1.54	<0.001		41	1	3
Y023836		2.80	4.74	1.77	3170	1	10
Y023837		1.37	0.006		83	<1	<2
Y023838		2.46	0.039		109	<1	2
Y023839		2.68	<0.001		116	<1	3
Y023840		0.07	<0.001		<2	<1	<2
Y023841		2.38	0.001		36	<1	3
Y023842		2.96	<0.001		86	<1	3
Y023843		0.61	<0.001		165	<1	2
Y023844		2.34	<0.001		230	<1	2
Y023845		2.88	0.175		1135	1	8
Y023846		2.84	0.001		298	<1	4



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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
Y023847		2.29	0.006		586	1	10
Y023848		2.77	0.572	0.08	1355	1	3
Y023849		2.69	<0.001		171	<1	2
Y023850		0.06	6.21	5.56	507	1	8
Y023851		2.44	0.001		118	1	<2
Y023852		1.54	0.125		1830	<1	9
Y023853		1.71	<0.001		1990	1	4
Y023854		2.13	<0.001		24	<1	<2
Y023855		2.45	<0.001		63	<1	3
Y023856		2.67	<0.001		55	1	<2
Y023857		2.63	<0.001		58	<1	<2
Y023858		2.73	<0.001		157	<1	3
Y023859		2.48	<0.001		41	1	<2
Y023860		0.45	<0.001		2	1	<2
Y023861		2.00	<0.001		224	<1	<2
Y023862		2.75	<0.001		30	<1	2
Y023863		1.25	<0.001		47	1	2
Y023864		2.33	3.47	0.03	2670	1	8
Y023865		2.64	3.32	0.70	4550	2	11
Y023866		1.58	0.244		2150	1	8
Y023867		2.65	0.004		418	<1	5
Y023868		1.96	0.001		276	<1	14
Y023869		2.52	5.25	5.35	5200	1	7
Y023870		0.06	0.142		85	1	24
Y023871		3.12	0.324	0.34	1230	1	5
Y023872		2.54	0.006		145	<1	<2
Y023873		3.00	0.001		337	<1	5
Y023874		2.73	<0.001		249	<1	3
Y023875		2.13	<0.001		96	<1	2
Y023876		1.62	<0.001		191	<1	3
Y023877		2.02	0.002		353	<1	<2
Y023878		1.63	1.805	1.89	3390	1	7
Y023879		2.98	6.16	6.57	2810	1	10
Y023880		0.07	0.001		8	1	<2
Y023881		1.81	2.92	2.98	3040	1	9
Y023882		2.07	0.016		196	<1	<2
Y023883		1.18	0.005		269	<1	2
Y023884		1.27	0.040		296	1	<2
Y023885		1.09	0.012		278	1	2
Y023886		2.63	<0.001		87	<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