



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: 30-DEC-2018  
Account: KAMGOL

**CERTIFICATE WH18312528**

Project: Coffee

P.O. No.: KGC-18-1857

This report is for 122 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 6-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
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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 WH18312528**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	Au-AA13 Au ppm 0.03	ME-ICP41 As ppm 2	ME-ICP41 Hg ppm 1	ME-ICP41 Sb ppm 2
Y428431		2.50	0.025			49	<1	2
Y428432		2.10	0.043			229	<1	3
Y428433		2.35	0.008			63	<1	4
Y428434		1.15	0.040			10	<1	5
Y428435		1.53	0.018			151	<1	5
Y428436		2.14	5.89		0.91	9830	2	9
Y428437		2.23	1.430		1.39	5830	1	12
Y428438		1.61	9.76		6.62	1960	<1	4
Y428439		1.23	6.61		1.56	4250	<1	5
Y428440		0.06	0.034			8	<1	<2
Y428441		1.28	7.10		1.65	3550	<1	8
Y428442		1.53	>10.0	10.90	10.90	6650	1	7
Y428443		1.40	>10.0	12.00	12.35	2380	<1	8
Y428444		2.32	2.50		2.49	3770	1	6
Y428445		2.19	0.860		0.83	1110	<1	6
Y428446		2.64	1.060		1.02	1325	<1	10
Y428447		1.87	4.57		4.51	3460	1	10
Y428448		2.32	1.775		1.68	2220	<1	6
Y428449		2.70	2.000		1.97	3410	<1	5
Y428450		0.06	0.187			89	<1	20
Y428451		1.07	8.00		8.12	4340	<1	9
Y428452		1.56	8.34		7.43	2260	1	11
Y428453		1.81	0.155			850	<1	4
Y428454		2.69	0.029			130	<1	4
Y428455		2.30	0.031			100	<1	4
Y428456		2.30	0.022			77	<1	6
Y428457		2.49	0.021			150	<1	4
Y428458		2.23	0.035			120	<1	<2
Y428459		2.24	0.034			248	<1	<2
Y428460		0.46	0.005			4	<1	<2
Y428461		2.43	0.015			215	<1	<2
Y428462		1.91	0.035			393	<1	<2
Y428463		1.60	2.17		2.21	3000	1	5
Y428464		1.99	0.022			149	<1	3
Y428465		1.19	0.026			97	<1	2
Y428466		2.33	0.043			83	<1	<2
Y428467		2.19	0.031			52	<1	<2
Y428468		2.41	0.024			83	<1	<2
Y428469		2.15	0.034			72	<1	6
Y428470		0.06	3.59		3.29	268	<1	<2



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Y428471		2.26	0.031			56	<1	2
Y428472		2.43	0.021			30	<1	<2
Y428473		2.27	0.094			298	<1	2
Y428474		2.44	0.199			1060	<1	4
Y428475		2.17	<0.001			12	<1	<2
Y428476		2.31	<0.001			44	<1	<2
Y428477		2.44	0.002			69	<1	<2
Y428478		1.99	0.003			118	<1	<2
Y428479		2.23	<0.001			66	<1	<2
Y428480		0.06	<0.001			<2	<1	<2
Y428481		2.57	<0.001			93	<1	<2
Y428482		1.10	<0.001			37	<1	<2
Y428483		1.20	<0.001			58	<1	<2
Y428484		2.28	<0.001			98	<1	2
Y428485		2.38	0.002			172	<1	2
Y428486		2.56	<0.001			178	1	3
Y428487		2.60	0.004			116	<1	5
Y428488		2.19	0.542		0.50	2340	1	13
Y428489		2.33	0.031			639	1	4
Y428490		0.06	5.97		5.86	525	<1	5
Y428491		2.21	0.004			280	<1	4
Y428492		2.07	0.024			233	<1	3
Y428493		2.24	<0.001			86	<1	2
Y428494		2.01	0.516		0.51	2410	<1	6
Y428495		2.53	0.004			96	<1	2
Y428496		2.64	0.839		0.57	642	1	4
Y428497		2.37	0.089			437	<1	2
Y428498		2.52	<0.001			16	<1	<2
Y428499		2.56	<0.001			7	<1	<2
Y428500		0.45	<0.001			<2	<1	<2
Y428501		2.68	<0.001			19	<1	<2
Y428502		1.95	<0.001			11	<1	<2
Y428503		2.28	<0.001			13	<1	<2
Y428504		2.02	<0.001			6	<1	<2
Y428505		2.33	<0.001			5	<1	<2
Y428506		2.78	<0.001			5	<1	<2
Y428507		2.61	<0.001			3	<1	<2
Y428508		2.29	<0.001			6	<1	<2
Y428509		2.06	<0.001			22	<1	2
Y428510		0.06	8.98		5.15	37	<1	6



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Page: 4 - A  
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Y428511		2.02	<0.001			67	<1	4
Y428512		2.52	<0.001			21	<1	3
Y428513		2.39	0.001			10	<1	<2
Y428514		2.28	0.001			13	<1	<2
Y428515		2.28	0.005			71	<1	<2
Y428516		2.20	<0.001			40	<1	<2
Y428517		2.39	<0.001			6	<1	2
Y428518		2.18	<0.001			6	<1	<2
Y428519		2.44	<0.001			10	<1	<2
Y428520		0.06	<0.001			<2	<1	<2
Y428521		2.26	0.008			5	<1	<2
Y428522		2.79	<0.001			7	<1	<2
Y428523		2.61	<0.001			43	<1	<2
Y428524		2.17	<0.001			15	<1	<2
Y428525		2.15	0.001			83	<1	<2
Y428526		2.66	0.001			203	<1	4
Y428527		2.36	0.041			97	<1	3
Y428528		2.43	1.120		1.07	1065	<1	7
Y428529		2.38	<0.001			47	<1	3
Y428530		0.06	0.957		0.87	8	<1	2
Y428531		2.51	0.156			936	<1	3
Y428532		2.19	0.199			1140	<1	4
Y428533		2.37	0.118			1775	<1	5
Y428534		2.48	<0.001			55	<1	2
Y428535		0.82	<0.001			33	<1	5
Y428536		1.36	<0.001			20	<1	2
Y428537		2.57	0.031			30	<1	2
Y428538		2.77	0.001			9	<1	4
Y428539		2.45	<0.001			14	<1	2
Y428540		0.41	<0.001			<2	<1	<2
Y428541		2.54	0.393		0.32	619	<1	5
Y428542		2.48	<0.001			36	<1	8
Y428543		2.31	<0.001			46	<1	5
Y428544		2.38	<0.001			29	<1	2
Y428545		2.41	<0.001			24	<1	<2
Y428546		2.43	<0.001			15	<1	2
Y428547		2.57	<0.001			12	<1	<2
Y428548		2.36	<0.001			21	<1	<2
Y428549		2.31	<0.001			68	<1	<2
Y428550		0.54	<0.001			<2	<1	<2



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-GRA21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Au	As	Hg	Sb
		kg	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.001	0.05	0.03	2	1	2
Y428551		2.41	0.037			116	<1	<2
Y428552		2.33	0.028			39	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-21
	LOG-23	PUL-32m	PUL-QC	SPL-21
	WEI-21			
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-AA13	Au-GRA21	Au-ICP21	ME-ICP41