



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: 10-JAN-2019
Account: KAMGOL

CERTIFICATE WH18321501

Project: COFFEE

P.O. No.: KGC-18-1976

This report is for 109 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
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 WH18321501

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-ICP21 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
Y025685		2.72	<0.001			22	<1	<2
Y025686		2.86	<0.001			51	<1	<2
Y025687		1.56	0.022			15	<1	2
Y025688		1.26	<0.001			5270	1	5
Y025689		1.28	3.29		3.27	1900	1	22
Y025690		0.08	1.045		0.89	10	<1	2
Y025691		1.76	0.023			91	<1	3
Y025692		1.50	0.008			174	<1	2
Y025693		2.78	0.017			95	<1	4
Y025694		2.86	0.017			60	<1	3
Y025695		2.14	0.010			309	<1	9
Y025696		1.68	3.60		3.78	4580	1	9
Y025697		1.76	7.20		7.45	8220	1	21
Y025698		1.18	0.244			2180	1	17
Y025699		1.78	0.044			332	<1	8
Y025700		0.12	<0.001			2	<1	<2
Y025701		2.46	0.034			211	<1	4
Y025702		1.38	0.005			106	<1	2
Y025703		0.78	0.007			104	<1	3
Y025704		2.84	0.034			263	<1	10
Y025705		2.76	0.008			379	<1	17
Y025706		2.14	<0.001			219	<1	9
Y025707		2.58	0.039			283	<1	14
Y025708		1.88	0.051			611	<1	35
Y025709		1.68	0.005			386	<1	12
Y025710		0.10	9.06		4.81	44	<1	5
Y025711		2.68	1.195		1.19	1965	<1	34
Y025712		1.54	>10.0	11.70	7.52	>10000	2	45
Y025713		1.78	0.014			455	<1	<2
Y025714		2.54	0.045			98	<1	<2
Y025715		2.50	0.025			171	<1	9
Y025716		2.06	0.004			298	<1	22
Y025717		1.88	0.098			154	<1	17
Y025718		1.94	0.490		0.52	1140	1	89
Y025719		2.84	2.72		2.66	2220	<1	37
Y025720		0.48	0.008			10	<1	<2
Y025721		1.82	4.04		1.59	2330	<1	32
Y025722		2.26	3.88		3.75	1905	1	110
Y025723		1.24	0.012			46	<1	3
Y025724		3.08	0.008			31	<1	3



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Y025725		2.44	0.012			81	<1	25
Y025726		2.68	0.019			21	<1	2
Y025727		2.74	0.003			13	<1	2
Y025728		2.44	<0.001			11	<1	<2
Y025729		2.52	<0.001			9	<1	<2
Y025730		0.10	0.139			79	<1	23
Y025731		2.46	0.013			99	<1	4
Y025732		2.58	0.001			27	<1	2
Y025733		3.20	0.004			106	<1	7
Y025734		1.66	0.026			140	<1	13
Y025735		1.60	3.53		3.64	380	1	25
Y025736		2.02	0.169			644	1	13
Y025737		2.22	0.002			89	<1	3
Y025738		2.36	0.008			108	<1	11
Y025739		2.38	0.081			76	<1	5
Y025740		0.12	<0.001			<2	<1	<2
Y025741		2.28	0.008			61	<1	7
Y025742		2.58	<0.001			40	<1	3
Y025743		2.56	<0.001			17	<1	<2
Y025744		2.80	<0.001			12	<1	<2
Y025745		2.70	0.001			101	<1	13
Y025746		2.60	0.007			182	<1	21
Y025747		2.82	0.001			116	<1	9
Y025748		1.42	<0.001			108	<1	11
Y025749		1.88	<0.001			17	<1	4
Y025750		0.10	3.64		3.38	256	<1	3
Y025751		2.22	<0.001			8	<1	<2
Y025752		2.40	0.004			5	<1	<2
Y025753		2.56	<0.001			9	<1	<2
Y025754		2.46	<0.001			9	<1	<2
Y025755		3.02	<0.001			8	<1	<2
Y025756		3.08	<0.001			4	<1	<2
Y025757		2.32	<0.001			3	<1	<2
Y025758		3.22	<0.001			3	<1	<2
Y025759		2.88	<0.001			3	<1	<2
Y025760		0.46	<0.001			<2	<1	<2
Y025761		3.06	<0.001			<2	1	3
Y025762		3.02	<0.001			7	<1	<2
Y025763		3.08	<0.001			8	<1	4
Y025764		2.90	<0.001			6	<1	2



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Y025765		2.92	<0.001			2	<1	<2
Y025766		1.64	<0.001			2	<1	<2
Y025767		1.42	<0.001			3	<1	<2
Y025768		2.68	<0.001			8	1	<2
Y025769		2.64	<0.001			29	1	<2
Y025770		0.10	8.01		4.40	36	<1	5
Y025771		3.02	<0.001			31	<1	5
Y025772		2.46	<0.001			14	<1	2
Y025773		2.66	<0.001			15	<1	6
Y025774		2.72	0.096			186	<1	9
Y025775		2.92	0.013			71	<1	<2
Y025776		2.60	<0.001			6	<1	<2
Y025777		2.72	0.001			10	<1	<2
Y025778		2.30	0.011			171	<1	6
Y025779		2.26	1.230		0.84	1425	1	6
Y025780		0.12	<0.001			<2	<1	<2
Y025781		1.20	0.781		0.76	3570	1	15
Y025782		2.04	0.002			170	<1	5
Y025783		3.14	0.010			289	<1	8
Y025784		2.54	0.016			468	<1	14
Y025785		2.58	0.011			339	<1	10
Y025786		2.62	0.006			137	<1	3
Y025787		2.72	0.001			57	<1	2
Y025788		2.62	<0.001			5	<1	2
Y025789		2.92	<0.001			7	<1	2
Y025790		0.10	0.802		0.66	3	<1	<2
Y025791		1.94	<0.001			6	<1	4
Y025792		1.50	<0.001			2	1	<2
Y025793		2.92	0.001			5	<1	4



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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-GRA21

Au-ICP21

BAG-01

CRU-31

CRU-QC

LOG-21

LOG-23

ME-ICP41

PUL-32m

PUL-QC

SPL-21

WEI-21