



ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: **GOLDCORP KAMINAK LTD**
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 16-AUG-2018
Account: KAMGOL

CERTIFICATE VA18178310

Project: Coffee

P.O. No.: KGC-18-1349

This report is for 28 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-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
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
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
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA13	Au by cyanide leach and AAS	AAS

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 VA18178310

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 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
W801514		2.20	0.002		<0.2	1.71	19	<10	190	0.6	<2	2.04	<0.5	13	75	11
W801515		2.48	<0.001		<0.2	1.76	10	<10	140	<0.5	<2	1.45	<0.5	20	163	16
W801516		2.26	<0.001		<0.2	1.48	8	<10	210	0.5	<2	1.33	<0.5	12	68	8
W801517		2.32	<0.001		<0.2	1.55	10	<10	240	<0.5	2	2.04	<0.5	15	62	10
W801518		2.18	<0.001		<0.2	1.66	8	<10	390	0.5	<2	2.30	<0.5	18	93	19
W801519		1.70	<0.001		<0.2	1.67	4	<10	230	0.5	<2	2.04	<0.5	22	99	25
W801520		0.10	<0.001		0.2	1.65	<2	<10	130	<0.5	<2	0.93	<0.5	9	10	93
W801521		1.76	<0.001		<0.2	1.81	5	<10	240	0.6	<2	2.03	<0.5	12	75	10
W801522		1.74	<0.001		<0.2	2.64	5	<10	530	0.6	<2	2.82	<0.5	22	163	15
W801523		1.60	0.002		<0.2	1.93	13	<10	250	0.8	<2	2.32	<0.5	13	85	8
W801524		1.88	<0.001		<0.2	2.30	11	<10	300	0.7	<2	3.18	<0.5	19	146	15
W801525		2.18	<0.001		<0.2	0.99	3	<10	480	<0.5	<2	1.71	<0.5	19	104	24
W801526		1.94	<0.001		<0.2	0.83	5	<10	1760	<0.5	<2	3.62	<0.5	14	81	35
W801527		2.08	<0.001		<0.2	1.60	8	<10	270	<0.5	<2	2.88	<0.5	18	151	11
W801528		1.84	<0.001		<0.2	1.66	21	<10	260	<0.5	<2	3.09	<0.5	19	144	11
W801529		1.48	0.283		<0.2	2.05	1460	<10	580	1.4	<2	4.99	<0.5	21	173	5
W801530		0.10	0.770	0.73	0.2	2.85	5	<10	100	<0.5	<2	2.07	<0.5	16	105	170
W801531		1.12	0.246		<0.2	0.42	1165	<10	50	1.0	<2	2.11	<0.5	2	8	6
W801532		1.42	0.023		0.2	0.40	221	<10	70	0.7	<2	1.13	<0.5	1	11	5
W801533		1.30	<0.001		<0.2	0.43	10	<10	30	<0.5	<2	0.56	<0.5	1	13	6
W801534		1.06	0.002		<0.2	0.37	19	<10	30	<0.5	<2	0.30	<0.5	1	10	7
W801535		1.22	<0.001		<0.2	0.30	18	<10	20	<0.5	<2	0.38	<0.5	1	13	7
W801536		1.28	<0.001		<0.2	0.39	22	<10	40	0.6	<2	0.50	<0.5	1	14	10
W801537		1.30	<0.001		<0.2	0.27	21	<10	20	<0.5	<2	0.16	<0.5	1	10	7
W801538		1.38	<0.001		<0.2	0.32	50	<10	40	0.5	<2	0.11	<0.5	1	13	6
W801539		1.80	0.031		<0.2	0.61	272	<10	130	0.5	<2	0.14	<0.5	5	11	8
W801540		0.10	<0.001		<0.2	1.56	<2	<10	120	<0.5	<2	0.88	<0.5	9	9	91
W801541		1.54	<0.001		<0.2	1.55	19	<10	230	<0.5	<2	2.94	<0.5	20	138	12



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Project: Coffee

CERTIFICATE OF ANALYSIS VA18178310

Sample Description	Method Analyte Units LOD	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm
W801514		2.47	10	<1	1.18	20	1.48	548	2	0.05	31	480	7	0.12	3	3
W801515		2.40	10	<1	0.84	10	1.73	332	2	0.05	39	660	7	0.12	<2	3
W801516		2.33	10	<1	1.08	30	1.30	390	3	0.06	29	420	3	0.32	<2	2
W801517		2.55	<10	<1	1.06	20	1.27	411	3	0.04	27	430	2	0.15	2	2
W801518		2.50	<10	<1	0.87	10	1.47	475	1	0.05	37	770	<2	0.14	<2	3
W801519		2.80	<10	<1	0.92	10	1.42	475	4	0.07	38	660	2	0.45	<2	3
W801520		2.75	<10	<1	0.21	10	0.73	387	2	0.17	5	640	4	0.02	<2	3
W801521		2.67	10	<1	1.31	20	1.52	570	2	0.04	28	440	2	0.07	2	2
W801522		3.37	10	<1	1.91	10	2.56	662	2	0.04	49	570	<2	0.09	<2	3
W801523		2.66	10	<1	1.43	10	1.59	628	2	0.05	33	480	<2	0.03	<2	3
W801524		2.98	10	<1	1.64	10	2.27	648	2	0.04	42	630	3	0.08	5	4
W801525		1.71	<10	<1	0.37	10	0.82	202	2	0.04	19	600	<2	0.24	<2	2
W801526		1.81	<10	<1	0.38	20	0.69	249	2	0.03	22	510	8	0.14	<2	2
W801527		2.41	10	<1	1.18	10	1.53	494	2	0.05	39	480	2	0.15	2	2
W801528		2.07	<10	<1	1.03	10	1.49	428	2	0.05	50	530	2	0.10	<2	3
W801529		3.32	10	<1	1.45	10	2.05	868	2	0.03	46	480	10	0.46	4	7
W801530		2.71	10	<1	0.19	10	1.46	473	4	0.31	147	390	11	0.08	<2	3
W801531		1.36	<10	<1	0.22	30	0.09	300	6	<0.01	5	160	8	0.04	9	1
W801532		0.76	<10	<1	0.21	30	0.07	165	3	0.03	4	70	5	0.02	6	<1
W801533		0.72	<10	<1	0.25	30	0.15	149	3	0.08	4	90	6	0.04	<2	<1
W801534		0.80	<10	<1	0.24	30	0.12	193	2	0.05	4	70	15	0.02	4	<1
W801535		0.80	<10	<1	0.20	20	0.05	168	3	0.05	3	50	11	0.01	3	<1
W801536		0.92	<10	<1	0.26	20	0.05	215	3	0.05	4	50	10	0.01	6	<1
W801537		0.75	<10	<1	0.17	20	0.03	142	2	0.04	4	50	13	<0.01	5	<1
W801538		0.93	<10	<1	0.18	20	0.05	215	2	0.05	3	60	13	<0.01	15	<1
W801539		1.38	<10	<1	0.31	50	0.16	220	2	0.05	8	350	7	<0.01	74	1
W801540		2.66	<10	<1	0.20	10	0.71	376	2	0.17	4	630	2	0.01	<2	2
W801541		1.94	<10	<1	0.97	<10	1.41	417	2	0.05	53	530	<2	0.10	<2	2



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Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Ti	U	V	W
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
W801514		40	<20	0.17	<10	<10	38	<10
W801515		61	<20	0.26	<10	<10	45	<10
W801516		31	20	0.14	<10	<10	32	<10
W801517		69	20	0.16	<10	<10	31	<10
W801518		59	<20	0.24	<10	<10	44	<10
W801519		46	<20	0.24	<10	<10	41	<10
W801520		78	<20	0.13	<10	<10	99	<10
W801521		40	20	0.16	<10	<10	36	<10
W801522		87	<20	0.27	<10	<10	55	<10
W801523		75	<20	0.18	<10	<10	44	<10
W801524		93	<20	0.25	<10	<10	57	<10
W801525		109	<20	0.22	<10	<10	30	<10
W801526		1575	<20	0.17	<10	<10	29	<10
W801527		94	<20	0.21	<10	<10	43	<10
W801528		145	<20	0.24	<10	<10	43	<10
W801529		496	<20	0.14	<10	<10	60	<10
W801530		83	<20	0.10	<10	<10	70	<10
W801531		91	30	<0.01	<10	10	2	<10
W801532		43	40	<0.01	<10	10	2	<10
W801533		18	40	0.01	<10	<10	2	<10
W801534		12	30	0.01	<10	<10	2	<10
W801535		11	40	<0.01	<10	<10	1	<10
W801536		16	40	<0.01	<10	<10	1	<10
W801537		7	40	<0.01	<10	<10	<1	<10
W801538		8	40	<0.01	<10	<10	2	<10
W801539		14	30	0.02	<10	<10	10	<10
W801540		74	<20	0.12	<10	<10	97	<10
W801541		126	<20	0.23	<10	<10	41	<10



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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