



ALS Canada Ltd.

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www.alsglobal.com/geochemistry

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

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Plus Appendix Pages
Finalized Date: 22-JUL-2018
Account: KAMGOL

CERTIFICATE WH18159721

Project: Coffee

P.O. No.: KGC-18-1296

This report is for 24 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 4-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
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 WH18159721

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-AA13 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
		0.02	0.001	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
X843367		1.26	0.015		<0.2	1.77	32	<10	170	0.9	<2	1.30	1.0	13	16	7
X843368		1.03	0.059		0.2	0.62	55	<10	70	0.5	<2	0.24	1.4	6	10	5
X843369		0.82	0.024		<0.2	0.77	37	<10	70	0.5	<2	0.19	0.9	5	11	5
X843370		0.06	3.16	3.00	0.5	2.46	161	<10	170	<0.5	2	1.80	<0.5	27	420	82
X843371		1.78	0.007		<0.2	1.28	30	<10	130	0.7	<2	0.54	0.7	9	16	5
X843372		2.60	0.001		<0.2	1.54	3	<10	120	0.6	2	3.46	<0.5	17	88	8
X843373		2.25	<0.001		<0.2	1.47	11	<10	170	0.5	2	1.86	<0.5	14	77	10
X843374		2.48	<0.001		<0.2	2.07	18	<10	470	0.6	2	2.08	<0.5	16	29	8
X843375		2.74	<0.001		<0.2	1.92	7	<10	310	0.5	2	2.90	<0.5	17	71	10
X843376		2.28	0.002		<0.2	1.61	5	<10	230	<0.5	<2	2.18	<0.5	13	55	8
X843377		2.45	<0.001		<0.2	1.96	6	<10	240	0.6	<2	1.68	<0.5	15	66	6
X843378		2.44	0.009		<0.2	1.69	11	<10	240	1.0	<2	4.44	<0.5	15	62	11
X843379		2.61	0.004		<0.2	1.71	10	<10	250	0.6	2	2.88	<0.5	14	55	8
X843380		0.06	0.001		<0.2	1.57	<2	<10	130	<0.5	<2	0.92	<0.5	8	10	93
X843381		2.24	0.001		<0.2	2.15	6	<10	470	0.7	2	3.10	<0.5	21	142	10
X843382		1.72	0.003		<0.2	0.86	8	<10	130	<0.5	<2	1.07	<0.5	7	42	6
X843383		1.97	0.004		<0.2	0.87	7	<10	130	<0.5	<2	0.82	<0.5	6	11	6
X843384		1.53	0.004		<0.2	0.83	7	<10	100	<0.5	3	0.37	<0.5	5	11	6
X843385		1.34	<0.001		<0.2	2.45	3	<10	590	0.6	3	1.68	<0.5	15	31	7
X843386		1.56	0.005		<0.2	1.26	10	<10	280	<0.5	<2	0.48	<0.5	8	10	5
X843387		2.36	0.005		<0.2	1.20	11	<10	190	<0.5	2	0.44	<0.5	8	14	5
X843388		1.87	0.012		<0.2	0.98	55	<10	170	0.8	<2	0.55	1.6	10	46	5
X843389		1.76	<0.001		<0.2	0.94	14	<10	90	<0.5	<2	0.46	<0.5	5	13	5
X843390		0.06	6.00	5.82	0.7	2.45	513	10	110	<0.5	2	1.99	<0.5	44	790	98



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Project: Coffee

CERTIFICATE OF ANALYSIS WH18159721

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
X843367		3.54	10	<1	0.92	20	1.24	561	1	0.03	8	580	30	<0.01	<2
X843368		1.64	<10	1	0.26	30	0.17	317	1	0.02	5	340	80	<0.01	2
X843369		1.57	<10	<1	0.35	30	0.27	268	1	0.02	6	330	48	<0.01	2
X843370		4.99	10	<1	0.53	10	2.16	809	5	0.16	231	360	19	0.35	<2
X843371		2.35	<10	<1	0.73	30	0.78	387	1	0.03	8	490	17	<0.01	<2
X843372		2.29	<10	1	0.80	10	1.43	563	1	0.03	30	530	5	<0.01	<2
X843373		2.28	<10	<1	0.87	10	1.27	427	2	0.03	24	520	5	0.01	<2
X843374		3.43	10	1	1.37	10	1.52	543	1	0.04	10	650	4	0.05	<2
X843375		2.95	10	<1	1.28	10	1.54	588	2	0.04	30	710	4	0.05	<2
X843376		2.53	<10	1	0.97	10	1.28	484	2	0.04	27	690	2	0.04	<2
X843377		2.73	10	<1	1.23	20	1.72	563	1	0.03	30	670	3	<0.01	<2
X843378		3.06	<10	1	1.01	10	1.44	584	2	0.02	34	600	12	0.09	8
X843379		2.71	<10	<1	1.00	20	1.39	550	1	0.03	30	590	7	0.04	<2
X843380		2.77	<10	<1	0.21	10	0.74	372	2	0.16	4	640	2	<0.01	<2
X843381		3.41	10	<1	1.17	10	2.09	672	1	0.07	56	960	3	0.06	<2
X843382		1.74	<10	<1	0.53	50	0.58	375	2	0.04	14	520	5	<0.01	<2
X843383		1.83	<10	<1	0.58	60	0.46	367	1	0.04	4	410	4	<0.01	<2
X843384		1.72	<10	1	0.52	60	0.50	289	1	0.03	4	430	4	<0.01	<2
X843385		3.73	10	<1	1.93	20	2.06	610	1	0.05	5	900	4	0.10	<2
X843386		2.18	<10	<1	0.93	60	0.94	423	1	0.05	4	650	13	<0.01	<2
X843387		2.19	<10	1	0.77	50	0.95	400	1	0.05	5	490	35	<0.01	<2
X843388		2.33	<10	<1	0.54	30	0.56	453	1	0.03	10	530	40	<0.01	<2
X843389		1.78	<10	1	0.38	30	0.58	370	1	0.04	8	450	5	<0.01	<2
X843390		7.36	10	1	0.60	10	2.70	1225	5	0.06	459	470	18	0.95	3



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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
X843367		48	<20	0.08	<10	<10	39	<10
X843368		17	20	0.01	<10	<10	9	<10
X843369		16	20	0.02	<10	<10	12	<10
X843370		91	<20	0.11	<10	<10	73	<10
X843371		23	20	0.07	<10	<10	33	<10
X843372		89	<20	0.21	<10	<10	44	<10
X843373		41	<20	0.15	<10	<10	38	<10
X843374		64	<20	0.21	<10	<10	50	<10
X843375		126	<20	0.25	<10	<10	43	<10
X843376		74	<20	0.22	<10	<10	30	<10
X843377		48	<20	0.22	<10	<10	38	<10
X843378		174	<20	0.16	<10	<10	37	<10
X843379		108	<20	0.16	<10	<10	32	<10
X843380		73	<20	0.13	<10	<10	98	<10
X843381		56	<20	0.16	<10	<10	57	<10
X843382		34	20	0.06	<10	<10	11	<10
X843383		53	30	0.09	<10	<10	9	<10
X843384		26	20	0.08	<10	<10	10	<10
X843385		47	<20	0.26	<10	<10	85	<10
X843386		39	20	0.13	<10	<10	21	<10
X843387		31	20	0.11	<10	<10	17	<10
X843388		26	20	0.05	<10	<10	28	<10
X843389		15	<20	0.03	<10	<10	10	<10
X843390		68	<20	0.09	<10	<10	79	<10



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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	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-AA13	Au-ICP21	ME-ICP41	