



ALS Canada Ltd.

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

Page: 1
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Plus Appendix Pages
Finalized Date: 26-JUL-2018
Account: KAMGOL

CERTIFICATE WH18163906

Project: Coffee

P.O. No.: KGC-18-1308

This report is for 27 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 9-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 WH18163906

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
X843826		1.60	<0.001		<0.2	1.77	11	<10	310	0.7	2	2.26	<0.5	12	35	16
X843827		1.86	<0.001		<0.2	1.57	8	<10	160	0.5	<2	2.34	<0.5	11	33	17
X843828		1.72	<0.001		<0.2	1.80	12	<10	180	0.5	<2	2.07	<0.5	10	30	15
X843829		2.02	<0.001		<0.2	1.99	7	<10	230	<0.5	<2	1.24	<0.5	12	38	15
X843830		0.06	0.728	0.71	0.2	2.73	5	10	100	<0.5	<2	2.00	<0.5	15	101	163
X843831		1.75	<0.001		<0.2	2.26	14	<10	300	<0.5	11	0.52	<0.5	17	50	16
X843832		1.63	<0.001		<0.2	1.72	10	<10	200	<0.5	<2	0.88	<0.5	11	38	16
X843833		1.41	<0.001		<0.2	2.65	12	<10	450	<0.5	<2	0.96	<0.5	18	68	28
X843834		1.76	<0.001		<0.2	2.37	6	<10	290	<0.5	<2	1.61	<0.5	22	42	51
X843835		1.65	<0.001		<0.2	2.34	9	<10	260	<0.5	<2	1.01	<0.5	18	39	39
X843836		2.03	<0.001		<0.2	1.89	11	<10	220	<0.5	<2	0.66	<0.5	15	52	35
X843837		2.10	<0.001		<0.2	1.90	7	<10	210	<0.5	<2	1.35	<0.5	13	55	28
X843838		1.75	<0.001		<0.2	3.07	7	<10	320	0.5	<2	3.20	<0.5	25	135	50
X843839		1.60	<0.001		<0.2	1.38	36	<10	110	0.6	<2	1.86	<0.5	7	15	5
X843840		0.06	0.002		<0.2	1.52	<2	<10	130	<0.5	<2	0.87	<0.5	8	9	90
X843841		1.99	<0.001		<0.2	1.39	26	<10	220	0.5	<2	1.30	<0.5	3	8	4
X843842		2.17	<0.001		<0.2	0.69	23	<10	70	0.5	<2	1.31	<0.5	2	12	4
X843843		1.97	<0.001		<0.2	0.51	29	<10	40	0.6	<2	0.92	<0.5	1	8	3
X843844		2.03	<0.001		<0.2	0.63	8	<10	80	0.6	<2	2.48	<0.5	3	9	5
X843845		1.92	<0.001		<0.2	0.64	8	<10	100	0.5	<2	1.96	<0.5	4	10	7
X843846		1.70	<0.001		<0.2	0.99	6	<10	160	0.7	<2	2.65	<0.5	6	15	7
X843847		2.02	<0.001		<0.2	1.03	5	<10	120	0.6	<2	2.48	<0.5	6	13	8
X843848		1.81	<0.001		<0.2	1.06	3	<10	140	<0.5	<2	2.34	<0.5	6	13	6
X843849		2.24	<0.001		<0.2	0.97	52	<10	200	0.7	<2	2.82	<0.5	6	11	7
X843850		0.06	3.01	2.75	0.6	2.61	173	10	180	<0.5	2	1.89	<0.5	28	443	86
X843851		2.57	1.260	1.19	<0.2	0.82	2000	<10	200	1.8	<2	5.21	<0.5	31	96	23
X843852		3.50	<0.001		<0.2	2.20	15	<10	290	<0.5	10	0.52	<0.5	16	49	16



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CERTIFICATE OF ANALYSIS WH18163906

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
X843826		3.29	10	<1	1.25	40	1.13	526	2	0.03	28	450	13	0.21	<2
X843827		2.82	<10	<1	1.09	40	1.01	474	2	0.03	24	480	13	0.15	<2
X843828		2.85	10	<1	1.26	40	0.93	495	2	0.04	20	480	10	0.12	<2
X843829		3.22	10	<1	1.38	30	1.11	505	1	0.05	24	490	6	0.10	<2
X843830		2.63	10	<1	0.18	10	1.44	450	3	0.31	146	400	10	0.07	<2
X843831		3.62	10	<1	1.56	10	1.46	566	2	0.04	33	520	4	0.07	<2
X843832		2.58	<10	<1	1.11	20	1.01	432	2	0.03	26	440	5	0.13	<2
X843833		3.87	10	<1	1.68	20	1.89	531	2	0.04	45	610	4	0.09	<2
X843834		3.40	<10	<1	1.09	<10	1.86	545	1	0.07	24	340	4	0.11	<2
X843835		3.63	10	<1	1.25	10	1.64	507	1	0.04	26	440	4	0.11	<2
X843836		3.18	10	<1	1.39	10	1.26	403	2	0.04	34	460	5	0.32	<2
X843837		2.52	10	<1	1.37	30	1.36	350	2	0.04	29	460	3	0.17	<2
X843838		3.64	10	<1	2.00	10	2.71	927	1	0.03	52	310	4	0.16	3
X843839		2.63	<10	<1	0.88	50	0.80	826	1	0.02	8	440	16	0.01	<2
X843840		2.69	<10	<1	0.20	10	0.71	366	2	0.16	5	630	4	0.01	<2
X843841		2.49	<10	<1	0.75	50	0.59	555	2	0.02	4	240	4	0.08	<2
X843842		1.62	<10	<1	0.39	30	0.25	461	2	0.02	3	140	3	0.11	<2
X843843		0.89	<10	<1	0.21	30	0.07	254	2	0.01	3	20	6	0.12	<2
X843844		1.27	<10	<1	0.37	40	0.26	345	2	0.03	4	290	11	0.09	<2
X843845		1.09	<10	<1	0.42	20	0.27	299	2	0.03	7	280	10	0.09	2
X843846		1.72	<10	<1	0.65	20	0.57	383	2	0.03	8	390	11	0.13	<2
X843847		1.77	<10	<1	0.70	30	0.58	404	1	0.03	7	390	10	0.09	<2
X843848		1.71	<10	<1	0.75	30	0.55	391	1	0.04	8	390	7	0.09	<2
X843849		1.55	<10	<1	0.62	20	0.56	408	2	0.03	7	400	6	0.13	<2
X843850		5.23	10	<1	0.54	10	2.26	843	5	0.18	247	380	21	0.38	<2
X843851		3.48	<10	<1	0.18	10	0.90	856	1	0.01	112	150	10	0.01	18
X843852		3.55	10	<1	1.51	10	1.40	554	2	0.04	31	510	5	0.07	<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
X843826		64	20	0.12	<10	<10	27	<10
X843827		61	20	0.11	<10	<10	24	<10
X843828		48	20	0.14	<10	<10	23	<10
X843829		43	<20	0.17	<10	<10	31	<10
X843830		78	<20	0.09	<10	<10	69	<10
X843831		27	<20	0.20	<10	<10	41	<10
X843832		44	<20	0.15	<10	<10	26	<10
X843833		59	<20	0.22	<10	<10	51	<10
X843834		42	<20	0.15	<10	<10	75	<10
X843835		42	<20	0.19	<10	<10	61	<10
X843836		28	<20	0.19	<10	<10	37	<10
X843837		34	<20	0.16	<10	<10	28	<10
X843838		54	<20	0.12	<10	<10	72	<10
X843839		41	20	0.06	<10	<10	11	<10
X843840		70	<20	0.12	<10	<10	97	<10
X843841		36	20	0.05	<10	<10	5	<10
X843842		32	20	0.02	<10	<10	3	<10
X843843		27	20	<0.01	<10	<10	1	<10
X843844		86	20	0.01	<10	<10	4	<10
X843845		50	20	0.02	<10	<10	5	<10
X843846		54	<20	0.05	<10	<10	10	<10
X843847		45	<20	0.06	<10	<10	12	<10
X843848		35	<20	0.07	<10	<10	12	<10
X843849		57	<20	0.04	<10	<10	10	<10
X843850		98	<20	0.11	<10	<10	78	<10
X843851		86	<20	<0.01	<10	<10	54	<10
X843852		28	<20	0.19	<10	<10	40	<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	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-ICP21	ME-ICP41	