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

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Plus Appendix Pages
Finalized Date: 16-AUG-2018
Account: KAMGOL

CERTIFICATE VA18178294

Project: Coffee

P.O. No.: KGC-18-1343

This report is for 46 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 VA18178294

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
W801428		1.02	0.014		<0.2	0.72	18	<10	80	<0.5	<2	0.27	<0.5	5	18	7
W801429		1.50	0.013		<0.2	0.97	13	<10	110	0.5	<2	0.20	<0.5	6	15	6
W801430		0.10	8.43	3.22	6.4	1.81	41	<10	170	<0.5	<2	1.08	3.0	15	31	1770
W801431		1.64	0.009		<0.2	0.94	15	<10	120	0.5	<2	0.18	<0.5	5	18	8
W801432		0.90	0.006		<0.2	1.22	14	<10	130	0.5	<2	0.24	<0.5	7	20	7
W801433		1.12	0.015		<0.2	1.56	25	<10	160	0.7	2	0.33	<0.5	13	35	11
W801434		0.74	0.001		<0.2	0.89	5	<10	210	<0.5	3	0.28	<0.5	6	20	7
W801435		1.50	0.001		<0.2	0.96	7	<10	110	0.5	<2	0.25	<0.5	6	18	6
W801436		1.10	0.026		<0.2	0.97	58	<10	140	0.8	2	0.08	<0.5	5	16	6
W801437		1.36	0.004		<0.2	0.67	15	<10	110	<0.5	<2	0.15	<0.5	4	11	5
W801438		1.48	0.001		<0.2	0.77	7	<10	190	<0.5	3	0.30	<0.5	5	12	6
W801439		1.78	0.004		<0.2	0.80	9	<10	130	<0.5	<2	0.18	<0.5	4	10	6
W801440		0.10	<0.001		0.2	1.53	<2	<10	120	<0.5	<2	0.88	<0.5	8	10	90
W801441		1.70	0.006		<0.2	0.81	18	<10	130	<0.5	5	0.16	<0.5	5	12	6
W801442		1.62	0.005		<0.2	0.75	6	<10	140	<0.5	2	0.14	<0.5	5	10	6
W801443		1.36	0.022		<0.2	0.77	36	<10	90	0.6	2	0.07	<0.5	7	10	5
W801444		1.34	<0.001		<0.2	0.92	6	<10	120	<0.5	<2	0.23	<0.5	5	10	6
W801445		1.24	0.001		<0.2	0.84	13	<10	90	<0.5	<2	0.19	<0.5	4	11	7
W801446		1.06	<0.001		<0.2	0.86	9	<10	90	<0.5	2	0.22	<0.5	4	9	6
W801447		1.58	<0.001		<0.2	0.90	14	<10	90	<0.5	<2	0.25	<0.5	4	12	10
W801448		1.54	0.003		<0.2	0.80	37	<10	90	<0.5	<2	0.22	<0.5	4	13	8
W801449		1.34	<0.001		<0.2	0.80	18	<10	80	<0.5	<2	0.21	<0.5	4	10	5
W801450		0.10	0.705	0.73	0.3	2.70	6	<10	100	<0.5	<2	2.01	<0.5	15	101	164
W801451		1.40	<0.001		<0.2	0.64	11	<10	60	<0.5	<2	0.16	<0.5	4	13	5
W801452		0.86	<0.001		<0.2	0.32	4	<10	20	<0.5	<2	0.21	<0.5	1	11	8
W801453		0.94	<0.001		<0.2	0.36	7	<10	20	<0.5	<2	0.21	<0.5	2	8	5
W801454		1.24	<0.001		<0.2	0.69	159	<10	60	<0.5	<2	0.16	<0.5	3	14	7
W801455		1.30	<0.001		<0.2	0.62	42	<10	90	<0.5	<2	0.12	<0.5	4	11	6
W801456		1.34	<0.001		<0.2	0.63	180	<10	150	0.6	<2	0.11	<0.5	4	8	6
W801457		1.48	0.287		<0.2	0.68	1010	<10	300	1.2	<2	0.21	<0.5	10	19	10
W801458		1.36	0.107		<0.2	0.62	921	<10	110	1.1	2	0.18	<0.5	8	22	14
W801459		1.32	2.03	2.07	0.3	0.32	2700	<10	290	1.4	<2	0.15	<0.5	10	17	13
W801460		0.10	0.004		0.2	1.60	4	<10	130	<0.5	<2	0.94	<0.5	9	10	95
W801461		1.48	1.475	1.48	0.2	0.29	2360	<10	270	1.4	<2	0.15	<0.5	5	16	7
W801462		1.22	0.043		<0.2	0.52	222	<10	110	0.7	<2	0.12	<0.5	4	12	17
W801463		1.48	0.388	0.40	<0.2	0.24	1235	<10	230	0.7	<2	0.12	<0.5	3	9	8
W801464		1.32	3.36	3.55	<0.2	0.45	2710	10	110	1.4	<2	0.21	<0.5	4	9	17
W801465		1.16	1.910	1.96	<0.2	0.48	1260	<10	80	0.8	4	0.17	<0.5	5	8	13
W801466		1.22	0.078		<0.2	0.34	214	<10	70	0.6	<2	0.11	<0.5	4	10	12
W801467		1.26	0.033		<0.2	0.43	158	<10	80	0.5	<2	0.09	<0.5	3	17	11



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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
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
W801428		1.55	<10	<1	0.28	20	0.26	275	1	0.04	8	250	6	0.01	<2	2
W801429		1.93	<10	<1	0.55	40	0.38	296	1	0.04	10	350	5	0.01	<2	2
W801430		3.74	10	<1	0.23	10	0.90	607	25	0.21	166	570	311	0.45	4	3
W801431		1.97	<10	<1	0.53	40	0.33	301	2	0.04	10	350	6	<0.01	<2	2
W801432		2.18	<10	<1	0.72	50	0.56	306	2	0.04	11	430	5	<0.01	<2	2
W801433		2.67	<10	<1	0.71	60	0.88	429	3	0.04	19	480	4	0.07	<2	3
W801434		1.79	<10	<1	0.61	60	0.44	311	2	0.04	12	370	5	0.01	<2	1
W801435		1.74	<10	<1	0.62	50	0.40	296	2	0.05	12	390	5	<0.01	<2	1
W801436		2.38	<10	<1	0.46	80	0.28	284	3	0.03	9	380	6	0.07	<2	3
W801437		1.37	<10	<1	0.38	60	0.20	265	2	0.04	6	320	4	<0.01	<2	1
W801438		1.49	<10	<1	0.51	60	0.30	261	3	0.05	6	340	4	0.05	<2	1
W801439		1.61	<10	<1	0.51	70	0.28	277	2	0.04	8	360	6	<0.01	<2	1
W801440		2.66	<10	<1	0.20	10	0.71	375	2	0.16	4	630	3	0.01	<2	2
W801441		1.67	<10	<1	0.50	60	0.27	243	2	0.04	7	370	6	0.01	<2	1
W801442		1.54	<10	<1	0.44	50	0.24	262	2	0.05	5	330	4	0.01	<2	1
W801443		2.61	<10	<1	0.34	70	0.20	168	4	0.04	8	370	6	0.03	<2	2
W801444		1.83	<10	<1	0.60	60	0.31	399	2	0.04	7	370	5	<0.01	<2	1
W801445		1.98	<10	<1	0.45	60	0.26	217	3	0.05	6	400	4	0.04	<2	2
W801446		1.76	<10	<1	0.54	60	0.31	259	2	0.04	6	340	3	<0.01	<2	1
W801447		1.89	<10	<1	0.52	50	0.31	293	2	0.04	7	360	5	<0.01	<2	1
W801448		1.88	<10	1	0.43	60	0.24	262	3	0.04	7	350	5	<0.01	2	1
W801449		1.82	<10	<1	0.49	50	0.28	221	3	0.04	6	350	4	0.01	<2	1
W801450		2.59	10	<1	0.18	10	1.43	447	3	0.29	143	390	10	0.07	<2	2
W801451		1.37	<10	<1	0.42	50	0.23	175	4	0.04	6	280	4	0.03	<2	1
W801452		0.82	<10	<1	0.23	20	0.06	174	3	0.04	3	80	3	0.06	<2	<1
W801453		0.90	<10	<1	0.20	20	0.08	133	3	0.04	4	110	2	0.12	<2	<1
W801454		2.09	<10	<1	0.33	40	0.21	121	3	0.04	6	330	7	0.32	3	2
W801455		1.64	<10	<1	0.41	50	0.19	174	3	0.04	5	320	2	0.15	4	1
W801456		2.00	<10	<1	0.16	70	0.04	318	3	0.01	7	320	10	0.01	17	2
W801457		2.73	<10	1	0.21	40	0.08	529	3	<0.01	26	610	17	0.03	296	5
W801458		2.50	<10	<1	0.20	70	0.08	216	3	0.01	74	440	8	<0.01	181	4
W801459		3.74	<10	<1	0.19	30	0.04	991	5	<0.01	105	310	29	0.01	387	4
W801460		2.81	10	<1	0.21	10	0.75	388	2	0.17	5	660	4	0.01	<2	2
W801461		3.17	<10	<1	0.18	20	0.03	1050	5	<0.01	61	320	15	<0.01	361	3
W801462		1.88	<10	<1	0.35	40	0.18	255	3	0.04	13	430	3	0.04	41	3
W801463		1.55	<10	<1	0.21	20	0.02	234	4	<0.01	6	340	6	0.01	24	2
W801464		2.33	<10	<1	0.25	60	0.04	201	4	<0.01	7	330	10	<0.01	121	2
W801465		1.90	<10	<1	0.24	50	0.06	174	3	0.02	8	400	7	<0.01	36	2
W801466		1.82	<10	1	0.13	50	0.04	236	3	0.05	39	350	5	<0.01	17	2
W801467		1.60	<10	<1	0.20	50	0.11	232	4	0.04	11	250	5	<0.01	15	1



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CERTIFICATE OF ANALYSIS VA18178294

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
W801428		20	20	0.05	<10	<10	17	<10
W801429		20	20	0.10	<10	<10	15	<10
W801430		81	<20	0.14	<10	<10	94	<10
W801431		17	30	0.09	<10	<10	14	<10
W801432		22	20	0.13	<10	<10	19	<10
W801433		33	20	0.15	<10	<10	30	<10
W801434		27	20	0.11	<10	<10	12	<10
W801435		23	20	0.11	<10	<10	11	<10
W801436		26	30	0.06	<10	<10	12	<10
W801437		14	20	0.06	<10	<10	7	<10
W801438		27	20	0.09	<10	<10	7	<10
W801439		19	30	0.07	<10	<10	7	<10
W801440		70	<20	0.13	<10	<10	97	<10
W801441		15	30	0.08	<10	<10	9	<10
W801442		19	30	0.07	<10	<10	7	<10
W801443		23	30	0.04	<10	<10	9	<10
W801444		24	20	0.09	<10	<10	10	<10
W801445		23	20	0.11	<10	<10	10	<10
W801446		24	30	0.10	<10	<10	8	<10
W801447		25	30	0.10	<10	<10	11	<10
W801448		28	20	0.08	<10	<10	10	<10
W801449		20	20	0.09	<10	<10	8	<10
W801450		76	<20	0.09	<10	<10	68	<10
W801451		13	30	0.06	<10	<10	7	<10
W801452		11	30	0.01	<10	<10	2	<10
W801453		13	30	0.03	<10	10	2	<10
W801454		28	30	0.09	<10	<10	10	<10
W801455		15	20	0.05	<10	<10	6	<10
W801456		19	30	<0.01	<10	<10	7	<10
W801457		33	20	<0.01	<10	10	46	<10
W801458		19	30	<0.01	<10	10	20	<10
W801459		27	50	<0.01	<10	20	32	<10
W801460		74	<20	0.13	<10	<10	101	10
W801461		22	30	<0.01	<10	10	31	<10
W801462		24	30	0.03	<10	<10	25	<10
W801463		24	30	<0.01	<10	10	23	<10
W801464		19	30	<0.01	<10	10	12	<10
W801465		15	30	<0.01	<10	10	6	<10
W801466		13	30	<0.01	<10	<10	5	<10
W801467		12	30	0.01	<10	<10	6	<10



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		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
W801468		1.22	0.010		<0.2	0.48	42	<10	100	<0.5	<2	0.31	<0.5	4	13	8
W801469		0.72	0.007		<0.2	0.29	20	<10	70	0.6	<2	0.84	<0.5	3	13	10
W801470		0.10	3.07	2.94	0.8	2.65	168	<10	180	<0.5	<2	1.93	<0.5	27	454	87
W801471		0.98	0.008		<0.2	0.41	24	<10	110	0.5	<2	0.50	<0.5	3	15	9
W801472		1.18	2.16	2.30	0.3	0.32	2640	<10	260	1.3	2	0.15	<0.5	9	17	13
W801473		1.18	0.005		<0.2	0.93	7	<10	220	<0.5	<2	0.31	<0.5	6	17	11



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		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
W801468		1.68	<10	<1	0.30	30	0.22	281	3	0.05	5	370	5	0.03	6
W801469		1.48	<10	<1	0.26	30	0.17	225	3	0.04	6	320	13	0.23	4
W801470		5.31	10	<1	0.55	10	2.30	881	5	0.18	246	380	20	0.38	4
W801471		1.44	<10	<1	0.31	30	0.23	218	4	0.04	6	330	9	0.05	3
W801472		3.62	<10	<1	0.20	30	0.04	880	5	<0.01	104	290	28	0.01	366
W801473		1.89	<10	<1	0.63	60	0.46	322	3	0.04	13	360	5	0.01	<2



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Finalized Date: 16-AUG-2018
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Project: Coffee

CERTIFICATE OF ANALYSIS VA18178294

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