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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: 26-JUL-2018
Account: KAMGOL

CERTIFICATE WH18163851

Project: Coffee

P.O. No.: KGC-18-1302

This report is for 49 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 WH18163851

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
X843603		2.36	<0.001		<0.2	0.83	14	<10	160	0.8	<2	2.57	<0.5	5	9	4
X843604		2.70	<0.001		<0.2	0.72	10	<10	80	0.9	<2	3.26	<0.5	6	10	3
X843605		2.39	<0.001		<0.2	0.92	11	<10	100	1.0	<2	2.89	<0.5	6	10	4
X843606		2.30	<0.001		<0.2	0.77	9	<10	90	0.9	<2	2.94	<0.5	6	10	6
X843607		1.95	<0.001		<0.2	0.74	6	<10	100	0.7	<2	1.72	<0.5	4	8	11
X843608		2.91	0.005		<0.2	0.68	371	<10	310	1.3	<2	2.86	<0.5	5	10	8
X843609		2.70	<0.001		<0.2	0.94	18	<10	130	0.9	<2	1.79	<0.5	6	13	9
X843610		0.06	3.16	3.10	0.7	2.64	165	<10	180	<0.5	<2	1.90	<0.5	28	449	87
X843611		2.47	<0.001		<0.2	1.13	7	<10	120	0.8	<2	1.99	<0.5	7	14	7
X843612		1.68	<0.001		<0.2	1.05	3	<10	140	0.7	<2	2.09	<0.5	6	11	10
X843613		2.19	<0.001		<0.2	1.04	4	<10	140	0.5	<2	2.07	<0.5	6	17	9
X843614		2.39	<0.001		<0.2	0.91	10	<10	1810	0.8	<2	2.35	<0.5	6	16	16
X843615		1.94	<0.001		<0.2	0.57	27	<10	80	0.6	<2	1.22	<0.5	3	9	8
X843616		2.46	<0.001		<0.2	0.82	9	<10	80	0.8	<2	2.08	<0.5	5	14	6
X843617		1.60	<0.001		<0.2	0.88	12	<10	60	0.9	<2	2.24	<0.5	5	10	6
X843618		2.13	<0.001		<0.2	0.98	10	<10	90	1.0	<2	2.65	<0.5	6	9	8
X843619		1.56	<0.001		<0.2	0.86	17	<10	100	0.9	<2	2.01	<0.5	5	10	8
X843620		0.06	0.001		<0.2	1.47	3	<10	120	<0.5	<2	0.88	<0.5	8	9	87
X843621		1.85	<0.001		<0.2	0.92	3	<10	90	0.7	<2	1.94	<0.5	7	12	7
X843622		2.45	<0.001		<0.2	0.70	15	<10	90	0.6	<2	1.91	<0.5	4	10	6
X843623		2.22	0.004		<0.2	1.04	17	<10	120	0.7	<2	2.27	<0.5	6	11	8
X843624		1.79	0.001		<0.2	1.05	103	<10	140	0.6	<2	1.77	<0.5	8	13	11
X843625		1.57	<0.001		<0.2	0.93	62	<10	130	0.6	<2	1.66	<0.5	5	10	5
X843626		0.96	<0.001		<0.2	1.18	79	<10	180	0.9	<2	1.34	<0.5	6	12	5
X843627		1.30	<0.001		<0.2	1.12	22	<10	150	0.5	<2	1.76	<0.5	6	12	6
X843628		1.65	0.006		<0.2	1.15	172	<10	220	0.8	<2	1.74	<0.5	6	13	5
X843629		1.66	<0.001		<0.2	0.91	13	<10	80	0.7	<2	1.31	<0.5	4	13	3
X843630		0.06	6.19	5.87	1.1	2.50	507	<10	110	<0.5	<2	2.03	<0.5	44	800	97
X843631		2.32	<0.001		<0.2	0.79	56	<10	90	0.9	<2	2.88	<0.5	4	11	4
X843632		1.07	<0.001		<0.2	0.91	18	<10	800	1.0	<2	2.28	<0.5	5	12	7
X843633		2.29	<0.001		<0.2	0.67	6	<10	170	0.5	<2	1.30	<0.5	2	9	3
X843634		2.09	0.013		<0.2	0.48	66	<10	130	0.5	27	0.19	<0.5	18	7	26
X843635		2.61	0.002		<0.2	0.47	36	<10	180	<0.5	<2	0.19	<0.5	2	9	10
X843636		1.74	<0.001		<0.2	0.50	28	<10	110	<0.5	3	0.75	<0.5	4	9	33
X843637		2.59	<0.001		<0.2	0.53	30	<10	80	<0.5	2	0.62	<0.5	3	10	43
X843638		2.68	<0.001		0.2	0.90	49	<10	230	0.9	2	2.16	<0.5	31	13	113
X843639		2.14	<0.001		<0.2	0.73	32	<10	170	0.5	<2	1.31	<0.5	6	17	24
X843640		0.06	<0.001		<0.2	1.57	<2	<10	120	<0.5	<2	0.95	<0.5	9	9	89
X843641		2.08	<0.001		<0.2	1.37	73	<10	320	0.9	2	2.44	<0.5	14	49	29
X843642		2.60	<0.001		<0.2	1.03	91	<10	240	1.1	3	2.74	<0.5	16	54	48



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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
X843603		1.29	<10	<1	0.41	30	0.23	532	1	0.02	5	190	6	0.04	<2	2
X843604		1.48	<10	<1	0.36	20	0.44	474	1	0.03	7	300	7	0.15	<2	4
X843605		1.58	<10	<1	0.46	20	0.50	393	1	0.03	6	250	7	0.12	<2	3
X843606		1.51	<10	<1	0.37	10	0.55	418	2	0.02	7	240	7	0.15	<2	3
X843607		1.11	<10	<1	0.33	20	0.46	290	1	0.02	5	180	6	0.07	2	2
X843608		1.82	<10	<1	0.32	20	0.55	1195	2	0.02	6	280	11	0.06	<2	2
X843609		1.68	<10	<1	0.60	30	0.46	394	2	0.04	8	380	10	0.04	<2	3
X843610		5.27	10	<1	0.55	10	2.28	871	5	0.18	246	380	19	0.37	<2	5
X843611		1.96	<10	<1	0.77	20	0.75	398	2	0.04	8	380	8	0.11	<2	4
X843612		1.81	<10	<1	0.69	20	0.74	418	1	0.04	7	320	8	0.13	<2	4
X843613		1.97	<10	<1	0.77	30	0.67	407	3	0.06	8	380	4	0.19	<2	4
X843614		1.90	<10	<1	0.68	20	0.64	377	2	0.03	8	520	8	0.13	<2	4
X843615		0.94	<10	<1	0.25	30	0.27	230	2	0.02	3	70	4	0.14	<2	1
X843616		1.80	<10	<1	0.41	20	0.73	417	1	0.04	7	280	5	0.13	<2	4
X843617		1.82	<10	<1	0.40	20	0.87	445	1	0.02	5	180	7	0.20	<2	3
X843618		2.13	<10	<1	0.51	30	0.93	591	1	0.03	4	280	9	0.26	<2	3
X843619		2.16	<10	<1	0.46	20	0.54	601	1	0.03	6	240	5	0.25	<2	4
X843620		2.71	<10	<1	0.19	10	0.71	369	2	0.16	4	610	4	0.02	<2	2
X843621		1.71	<10	<1	0.63	20	0.63	435	1	0.04	8	340	4	0.12	2	3
X843622		1.32	<10	1	0.43	20	0.39	320	2	0.04	5	210	5	0.12	<2	2
X843623		1.63	<10	<1	0.64	20	0.78	377	1	0.04	7	330	8	0.15	2	4
X843624		1.95	<10	1	0.63	20	0.64	326	1	0.04	7	390	5	0.14	<2	4
X843625		1.59	<10	1	0.56	30	0.53	289	1	0.04	6	300	4	0.03	<2	3
X843626		2.05	<10	<1	0.73	30	0.66	539	1	0.04	7	440	7	0.01	6	4
X843627		1.87	<10	<1	0.66	30	0.59	390	1	0.04	8	490	6	0.02	<2	5
X843628		2.05	<10	1	0.66	40	0.57	397	1	0.04	8	750	8	0.03	3	4
X843629		1.31	<10	<1	0.56	30	0.46	213	1	0.04	7	690	3	0.05	2	3
X843630		7.45	10	<1	0.60	10	2.74	1290	5	0.07	462	460	18	0.95	7	6
X843631		1.56	<10	<1	0.36	20	0.45	394	1	0.02	6	400	5	0.03	<2	2
X843632		1.78	<10	1	0.61	30	0.50	428	1	0.02	5	470	6	0.11	2	4
X843633		1.09	<10	<1	0.36	20	0.22	262	1	0.02	3	180	2	0.16	<2	2
X843634		0.91	<10	<1	0.23	20	0.04	139	1	0.01	3	60	15	0.21	3	1
X843635		0.84	<10	1	0.18	20	0.02	107	1	0.01	2	50	4	0.09	<2	1
X843636		1.11	<10	<1	0.22	10	0.16	223	2	0.01	2	70	13	0.42	4	1
X843637		1.05	<10	<1	0.23	30	0.19	172	2	0.01	4	80	8	0.41	6	1
X843638		2.58	<10	<1	0.48	50	0.53	420	2	0.02	5	270	9	1.00	3	2
X843639		1.78	<10	<1	0.47	40	0.56	209	3	0.05	6	260	4	0.26	2	2
X843640		2.77	10	<1	0.20	10	0.73	380	1	0.17	4	610	4	0.02	<2	2
X843641		3.44	10	<1	0.87	40	1.40	504	3	0.04	36	700	7	0.34	<2	8
X843642		3.94	<10	<1	0.43	20	1.27	738	3	0.02	49	830	12	0.62	2	10



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CERTIFICATE OF ANALYSIS WH18163851

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Tl	U	V	W
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
X843603		47	20	0.01	<10	<10	6	<10
X843604		63	<20	0.02	<10	<10	9	<10
X843605		64	<20	0.02	<10	<10	10	<10
X843606		67	<20	0.02	<10	<10	9	<10
X843607		49	20	0.01	<10	<10	6	<10
X843608		71	<20	0.01	<10	<10	9	<10
X843609		52	20	0.05	<10	<10	12	<10
X843610		98	<20	0.12	<10	<10	77	<10
X843611		61	20	0.08	<10	<10	15	<10
X843612		66	20	0.07	<10	<10	14	<10
X843613		48	20	0.08	<10	<10	18	<10
X843614		236	<20	0.06	<10	<10	29	<10
X843615		43	20	0.01	<10	<10	3	<10
X843616		64	<20	0.03	<10	<10	17	<10
X843617		64	20	0.03	<10	<10	10	<10
X843618		75	20	0.04	<10	<10	13	<10
X843619		46	20	0.03	<10	<10	13	<10
X843620		68	<20	0.12	<10	<10	94	<10
X843621		45	<20	0.06	<10	<10	12	<10
X843622		39	20	0.03	<10	<10	7	<10
X843623		49	20	0.05	<10	<10	12	<10
X843624		34	20	0.05	<10	<10	15	<10
X843625		27	20	0.04	<10	<10	11	<10
X843626		36	20	0.06	<10	<10	17	<10
X843627		32	20	0.06	<10	<10	16	<10
X843628		40	20	0.05	<10	<10	15	<10
X843629		44	20	0.03	<10	<10	12	<10
X843630		69	<20	0.09	<10	<10	81	<10
X843631		60	20	0.01	<10	<10	9	<10
X843632		176	20	0.05	<10	<10	43	<10
X843633		33	20	0.01	<10	<10	5	<10
X843634		15	20	<0.01	<10	<10	2	<10
X843635		17	20	<0.01	<10	<10	2	<10
X843636		21	20	<0.01	<10	<10	2	<10
X843637		27	20	<0.01	<10	<10	3	<10
X843638		61	20	0.02	<10	<10	10	<10
X843639		51	20	0.03	<10	<10	12	<10
X843640		75	<20	0.13	<10	<10	97	<10
X843641		107	20	0.07	<10	<10	76	<10
X843642		215	<20	0.03	<10	<10	112	<10



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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
		kg	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
X843643		2.58	<0.001		<0.2	0.73	218	<10	320	0.9	4	2.79	<0.5	12	36
X843644		1.45	<0.001		<0.2	0.88	146	<10	390	0.8	<2	2.00	<0.5	15	34
X843645		1.93	<0.001		<0.2	1.19	51	<10	250	0.5	<2	1.39	<0.5	12	31
X843646		3.20	<0.001		<0.2	1.27	94	<10	300	0.7	<2	2.36	<0.5	13	42
X843647		2.34	0.713	0.04	<0.2	0.76	2690	<10	170	1.0	<2	3.86	<0.5	14	37
X843648		2.88	0.159		<0.2	1.12	684	<10	320	0.9	<2	2.92	<0.5	15	33
X843649		2.07	0.305	0.29	<0.2	0.82	2140	<10	70	1.8	<2	7.7	<0.5	18	86
X843650		0.06	0.146		0.3	0.78	85	<10	270	0.5	<2	13.8	0.7	5	18
X843651		1.89	<0.001		0.2	2.18	7	<10	410	0.5	2	5.03	<0.5	27	504



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		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
		% 0.01	ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2
X843643		3.02	<10	<1	0.27	30	1.11	588	3	0.03	35	650	8	0.48	2
X843644		3.14	<10	<1	0.46	30	0.98	543	3	0.03	36	790	9	0.55	2
X843645		2.84	10	<1	0.79	40	0.78	432	2	0.05	23	540	8	0.29	<2
X843646		3.21	10	<1	0.67	30	1.11	522	2	0.03	41	790	10	0.43	4
X843647		3.52	<10	1	0.34	20	1.49	636	2	0.02	48	640	12	1.24	16
X843648		3.49	<10	<1	0.62	30	1.42	560	2	0.03	22	460	8	0.55	7
X843649		3.06	<10	<1	0.22	10	1.91	607	<1	0.01	68	170	10	0.03	5
X843650		1.09	<10	<1	0.40	10	3.67	229	3	0.03	22	280	12	0.03	24
X843651		2.73	<10	<1	1.98	<10	3.35	641	1	0.03	93	40	2	0.06	<2



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To: **GOLDCORP KAMINAK LTD**
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Plus Appendix Pages
Finalized Date: 26-JUL-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18163851

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Th	Ti	Tl	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
X843643		138	20	0.01	<10	<10	57	<10	56
X843644		121	<20	0.03	<10	<10	58	<10	56
X843645		54	<20	0.06	<10	<10	42	<10	50
X843646		89	<20	0.05	<10	<10	55	<10	53
X843647		245	<20	0.01	<10	10	39	<10	35
X843648		136	<20	0.03	<10	<10	56	<10	46
X843649		303	<20	<0.01	<10	<10	47	<10	30
X843650		162	<20	0.02	<10	<10	54	20	79
X843651		304	<20	0.06	<10	<10	64	<10	37



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Page: Appendix 1
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CERTIFICATE OF ANALYSIS WH18163851

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	