



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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

Page: 1
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 19-AUG-2018
Account: KAMGOL

CERTIFICATE WH18189047

Project: Coffee

P.O. No.: KGC-18-1377

This report is for 50 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 3-AUG-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
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
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



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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

Page: 2 - A
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 19-AUG-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18189047

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-GRA21 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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
W802313		0.68	<0.001			<0.2	1.03	15	<10	110	<0.5	<2	0.32	<0.5	9	35
W802314		0.41	0.005			<0.2	0.81	19	<10	90	<0.5	2	0.22	<0.5	7	20
W802315		0.79	<0.001			<0.2	0.72	16	<10	180	<0.5	<2	0.17	<0.5	5	17
W802316		1.80	0.002			<0.2	0.78	19	<10	100	<0.5	<2	0.16	<0.5	6	15
W802317		1.59	0.018			<0.2	1.57	443	<10	290	2.2	2	0.38	<0.5	26	139
W802318		1.28	0.016			<0.2	1.79	171	<10	260	1.0	<2	0.34	<0.5	22	165
W802319		1.82	0.001			<0.2	2.81	4	<10	490	0.6	<2	1.65	<0.5	24	168
W802320		0.06	0.002			<0.2	1.58	<2	<10	130	<0.5	<2	0.88	<0.5	9	11
W802321		1.92	0.003			<0.2	1.45	21	<10	200	0.5	<2	0.50	<0.5	18	95
W802322		1.55	0.001			<0.2	1.32	12	<10	200	0.5	<2	0.38	<0.5	12	52
W802323		1.88	<0.001			<0.2	2.49	5	<10	490	0.7	<2	1.26	<0.5	23	123
W802324		1.72	0.001			<0.2	1.87	8	<10	280	0.6	<2	0.41	<0.5	15	64
W802325		1.93	<0.001			<0.2	1.86	10	<10	240	0.7	<2	0.63	<0.5	19	71
W802326		1.59	<0.001			<0.2	1.55	6	<10	200	<0.5	<2	0.47	<0.5	13	108
W802327		1.32	<0.001			<0.2	0.97	8	<10	80	<0.5	<2	0.23	<0.5	9	24
W802328		1.63	<0.001			<0.2	1.02	6	<10	110	<0.5	<2	0.24	<0.5	7	20
W802329		1.37	<0.001			<0.2	2.64	7	<10	400	0.9	<2	1.50	<0.5	19	166
W802330		0.06	0.738		0.74	0.2	2.70	6	<10	100	<0.5	<2	1.99	<0.5	16	100
W802331		1.44	<0.001			<0.2	1.23	6	<10	120	0.5	<2	0.90	<0.5	15	127
W802332		1.43	<0.001			<0.2	1.36	7	<10	180	0.5	<2	0.53	<0.5	15	110
W802333		1.42	0.001			<0.2	1.23	31	<10	140	0.7	<2	0.38	<0.5	12	72
W802334		1.47	0.045			<0.2	0.33	86	<10	80	0.5	<2	0.08	<0.5	2	11
W802335		1.25	0.019			<0.2	0.33	25	<10	60	<0.5	<2	0.08	<0.5	1	9
W802336		1.20	0.006			<0.2	0.31	22	<10	50	<0.5	<2	0.06	<0.5	1	7
W802337		0.92	0.017			<0.2	0.21	51	<10	70	0.5	<2	0.05	<0.5	1	6
W802338		1.28	0.013			<0.2	0.29	122	<10	120	0.6	<2	0.05	<0.5	1	7
W802339		1.71	8.97		9.23	0.4	0.28	371	<10	70	0.7	<2	0.09	<0.5	1	6
W802340		0.06	<0.001			<0.2	1.53	<2	<10	130	<0.5	<2	0.89	<0.5	9	10
W802341		1.15	>10.0	13.20	13.70	0.5	0.35	793	<10	250	1.1	<2	0.10	<0.5	5	19
W802342		1.43	0.192			<0.2	0.27	142	<10	60	0.5	<2	0.08	<0.5	1	8
W802343		1.50	0.451		0.49	<0.2	0.36	238	<10	90	0.8	<2	0.09	<0.5	2	12
W802344		1.42	0.042			<0.2	1.84	94	<10	360	0.7	<2	0.41	<0.5	10	12
W802345		1.30	0.010			<0.2	2.04	9	<10	340	<0.5	<2	1.49	<0.5	10	10
W802346		1.13	0.018			<0.2	1.79	34	<10	410	0.6	<2	0.67	<0.5	10	9
W802347		1.43	0.002			<0.2	1.68	32	<10	330	<0.5	<2	0.88	<0.5	9	10
W802348		1.45	0.005			<0.2	0.26	19	<10	50	<0.5	<2	0.07	<0.5	1	6
W802349		1.28	0.008			<0.2	0.28	12	<10	110	<0.5	<2	0.13	<0.5	2	7
W802350		0.06	6.25		5.75	1.0	2.50	536	10	110	<0.5	2	2.02	<0.5	44	801
W802351		1.19	0.011			<0.2	0.25	22	<10	50	<0.5	<2	0.04	<0.5	2	8
W802352		1.39	0.003			<0.2	0.25	8	<10	50	<0.5	<2	0.24	<0.5	1	6



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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

Page: 2 - B
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 19-AUG-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18189047

Sample Description	Method Analyte Units LOD	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2
W802313		10	1.65	<10	<1	0.38	20	0.60	316	1	0.04	19	410	3	<0.01	<2
W802314		9	1.49	<10	<1	0.44	40	0.44	246	2	0.04	8	400	4	<0.01	<2
W802315		9	1.45	<10	<1	0.33	50	0.39	184	2	0.04	8	370	4	<0.01	<2
W802316		6	1.46	<10	<1	0.45	50	0.42	242	2	0.05	8	420	5	<0.01	<2
W802317		25	5.37	10	<1	0.45	50	0.54	710	1	0.02	95	860	12	<0.01	16
W802318		17	3.15	10	<1	1.04	30	1.33	565	1	0.03	98	580	6	<0.01	5
W802319		4	3.90	10	<1	1.69	<10	2.48	787	1	0.08	46	700	2	<0.01	<2
W802320		96	2.78	<10	<1	0.21	10	0.75	386	2	0.16	5	670	3	0.01	<2
W802321		10	2.42	<10	<1	0.71	10	1.19	400	1	0.06	47	590	3	<0.01	2
W802322		7	2.06	<10	<1	0.67	20	1.04	329	1	0.05	28	480	2	<0.01	<2
W802323		17	3.58	10	<1	1.50	10	2.26	837	1	0.06	51	880	2	<0.01	<2
W802324		18	2.81	10	<1	1.11	20	1.59	597	1	0.04	31	570	14	<0.01	<2
W802325		40	2.97	10	<1	1.04	10	1.76	603	<1	0.04	38	670	10	<0.01	<2
W802326		9	1.93	10	<1	0.82	10	1.49	355	1	0.04	21	410	4	<0.01	<2
W802327		12	1.57	<10	<1	0.60	20	0.72	263	1	0.03	12	380	2	<0.01	<2
W802328		11	1.54	<10	<1	0.65	20	0.72	340	1	0.04	13	410	3	0.01	2
W802329		10	3.32	10	<1	1.55	20	2.63	852	1	0.03	51	570	4	<0.01	<2
W802330		172	2.62	10	<1	0.19	10	1.46	448	3	0.30	152	390	11	0.07	2
W802331		11	1.60	<10	<1	0.55	10	1.20	291	1	0.03	28	540	3	<0.01	<2
W802332		8	1.74	<10	<1	0.71	10	1.31	381	1	0.03	29	460	2	0.01	<2
W802333		13	1.81	<10	<1	0.68	20	1.04	386	1	0.03	32	320	5	0.01	3
W802334		6	1.05	<10	<1	0.12	20	0.08	219	1	0.01	5	80	13	0.01	7
W802335		4	0.72	<10	<1	0.14	20	0.07	156	1	0.02	2	80	11	0.03	3
W802336		4	0.86	<10	<1	0.17	20	0.09	193	1	0.03	2	80	12	0.04	2
W802337		4	0.72	<10	<1	0.11	20	0.04	167	1	0.02	2	50	14	0.02	2
W802338		4	0.75	<10	<1	0.13	20	0.02	200	1	0.01	2	70	11	0.01	4
W802339		4	0.67	<10	<1	0.17	20	0.02	189	1	0.01	2	50	13	<0.01	27
W802340		94	2.72	<10	<1	0.21	10	0.74	374	2	0.16	5	630	6	0.02	<2
W802341		7	1.80	<10	6	0.15	10	0.05	829	2	<0.01	7	110	14	<0.01	251
W802342		5	0.89	<10	1	0.14	10	0.03	185	1	0.01	3	160	23	0.01	26
W802343		8	1.19	<10	<1	0.17	10	0.05	270	1	<0.01	3	170	43	0.01	36
W802344		13	3.05	10	<1	0.66	20	0.77	568	1	0.05	4	610	13	0.01	10
W802345		7	3.04	10	<1	0.85	20	1.07	537	1	0.07	3	560	10	0.01	<2
W802346		5	2.91	10	<1	0.81	20	0.85	520	<1	0.05	3	610	9	0.01	4
W802347		6	2.74	10	<1	0.77	20	0.88	541	1	0.09	3	540	11	0.01	4
W802348		4	0.75	<10	<1	0.14	20	0.07	164	1	0.03	2	100	9	0.01	3
W802349		3	0.75	<10	<1	0.18	30	0.08	189	1	0.03	2	100	6	0.01	2
W802350		103	7.39	10	<1	0.62	10	2.71	1250	5	0.07	486	470	20	1.00	4
W802351		3	0.62	<10	<1	0.16	30	0.05	209	1	0.02	2	90	6	0.01	5
W802352		4	0.57	<10	<1	0.17	20	0.07	137	1	0.03	2	80	4	0.01	<2



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

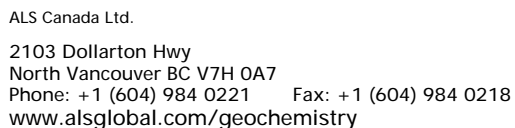
To: GOLDCORP KAMINAK LTD
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

Page: 2 - C
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 19-AUG-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18189047

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sc	Sr	Th	Ti	Ti	U	V	W	
		ppm 1	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	Zn ppm 2
W802313		2	16	20	0.08	<10	<10	27	<10	24
W802314		2	14	30	0.07	<10	<10	17	<10	18
W802315		1	12	30	0.06	<10	<10	15	<10	15
W802316		2	10	30	0.07	<10	<10	14	<10	18
W802317		14	22	<20	0.04	<10	10	86	<10	68
W802318		9	18	<20	0.13	<10	<10	59	<10	42
W802319		4	40	<20	0.23	<10	<10	57	<10	49
W802320		2	71	<20	0.13	<10	<10	103	<10	38
W802321		2	19	20	0.12	<10	<10	29	<10	27
W802322		2	21	20	0.11	<10	<10	24	<10	21
W802323		4	36	<20	0.26	<10	<10	70	<10	43
W802324		3	24	20	0.16	<10	<10	44	<10	38
W802325		3	59	<20	0.20	<10	<10	54	<10	34
W802326		2	27	<20	0.17	<10	<10	29	<10	25
W802327		1	18	20	0.08	<10	<10	14	<10	16
W802328		1	20	<20	0.08	<10	<10	15	<10	18
W802329		5	32	<20	0.19	<10	<10	53	<10	52
W802330		2	76	<20	0.09	<10	<10	68	<10	48
W802331		2	34	<20	0.15	<10	<10	29	<10	21
W802332		2	38	<20	0.15	<10	<10	28	<10	23
W802333		2	36	20	0.10	<10	<10	25	<10	28
W802334		1	11	30	<0.01	<10	<10	8	<10	11
W802335		<1	10	40	<0.01	<10	<10	4	<10	10
W802336		<1	10	40	0.01	<10	<10	4	<10	12
W802337		<1	7	40	<0.01	<10	<10	2	<10	10
W802338		1	8	40	<0.01	<10	<10	2	<10	9
W802339		<1	8	30	<0.01	<10	<10	4	<10	7
W802340		2	71	<20	0.12	<10	<10	97	<10	37
W802341		3	18	20	<0.01	<10	10	30	<10	31
W802342		1	13	40	<0.01	<10	<10	24	<10	13
W802343		2	15	40	<0.01	<10	10	38	<10	24
W802344		9	24	<20	0.06	<10	<10	72	<10	59
W802345		9	38	<20	0.06	<10	<10	81	<10	54
W802346		8	25	<20	0.07	<10	<10	72	<10	52
W802347		7	37	<20	0.09	<10	<10	68	<10	52
W802348		<1	6	40	0.01	<10	<10	3	<10	12
W802349		<1	8	40	0.01	<10	<10	2	<10	10
W802350		6	69	<20	0.09	<10	<10	80	<10	70
W802351		<1	5	40	<0.01	<10	<10	2	<10	8
W802352		<1	8	30	<0.01	<10	<10	2	<10	8



Page: 3 - A
Total # Pages: 3 (A - C)
Plus Appendix Pages
Finalized Date: 19-AUG-2018
Account: KAMGOL

CERTIFICATE OF ANALYSIS WH18189047

***** See Appendix Page for comments regarding this certificate *****

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

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

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19-AUG-2018
Account: KAMGOL

Project: Coffee

CERTIFICATE OF ANALYSIS WH18189047

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
	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-GRA21	Au-ICP21	ME-ICP41