



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: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

**CERTIFICATE WH18157203**

Project: Coffee

P.O. No.: KGC-18-1288

This report is for 96 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 2-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 \*\*\*\*\*

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

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: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843016		2.89	0.095		<0.2	1.54	192	<10	190	1.2	<2	1.11	<0.5	11	28	21
X843017		3.33	0.053		0.2	0.70	1265	<10	150	0.9	<2	1.43	<0.5	11	21	22
X843018		2.70	0.928	0.96	0.2	0.78	1290	<10	160	0.9	<2	1.35	<0.5	11	20	16
X843019		1.65	0.044		<0.2	0.51	1330	<10	120	0.7	<2	0.12	<0.5	12	14	19
X843020		0.06	0.004		<0.2	1.50	4	<10	120	<0.5	<2	0.85	<0.5	8	9	90
X843021		1.67	4.58	3.92	1.1	0.53	7420	10	370	0.8	14	0.33	<0.5	5	12	17
X843022		3.10	0.035		<0.2	1.57	332	<10	210	1.2	3	0.71	<0.5	11	27	17
X843023		2.18	0.015		<0.2	1.36	159	<10	280	1.1	<2	2.66	<0.5	11	23	21
X843024		2.45	0.743	0.76	<0.2	0.48	1840	<10	130	0.9	<2	2.20	<0.5	11	16	19
X843025		3.02	0.092		<0.2	1.57	394	<10	250	1.2	2	1.93	<0.5	11	26	18
X843026		3.62	0.267		<0.2	1.75	412	<10	340	1.2	<2	1.95	<0.5	14	40	24
X843027		3.50	0.016		<0.2	2.30	452	<10	510	1.2	2	3.41	<0.5	17	36	30
X843028		2.99	0.004		<0.2	1.66	63	<10	400	0.9	<2	4.01	<0.5	14	40	27
X843029		2.68	0.002		<0.2	2.18	63	<10	400	0.5	<2	1.10	<0.5	15	57	27
X843030		0.06	0.136		0.2	0.66	75	<10	250	0.5	<2	12.3	0.5	4	16	9
X843031		3.48	0.003		<0.2	1.96	87	<10	260	<0.5	<2	0.66	<0.5	14	41	36
X843032		3.30	0.001		<0.2	2.08	33	<10	360	0.6	<2	2.18	<0.5	15	64	26
X843033		3.79	0.003		0.2	0.87	27	<10	80	0.7	<2	1.98	<0.5	12	23	28
X843034		3.43	0.002		<0.2	1.37	34	<10	330	0.8	<2	2.00	<0.5	12	29	33
X843035		2.81	1.010	1.02	<0.2	0.87	2120	<10	180	0.9	<2	1.70	<0.5	10	21	28
X843036		3.00	0.144		0.2	0.66	1240	<10	140	1.0	<2	3.23	<0.5	15	21	56
X843037		2.91	0.020		<0.2	2.03	493	<10	620	1.6	<2	2.65	<0.5	17	63	25
X843038		2.82	0.010		<0.2	0.81	750	<10	150	0.8	<2	1.24	<0.5	8	22	10
X843039		3.15	1.780	1.72	0.3	0.41	3790	<10	40	0.7	<2	0.44	<0.5	6	12	18
X843040		0.06	0.003		<0.2	1.48	5	<10	120	<0.5	<2	0.83	<0.5	8	9	89
X843041		3.10	0.015		<0.2	1.22	720	<10	340	1.0	<2	1.83	<0.5	11	28	31
X843042		3.90	0.015		<0.2	2.03	239	<10	300	0.8	<2	2.13	<0.5	17	57	29
X843043		3.56	0.015		<0.2	1.57	199	<10	140	0.6	<2	2.08	<0.5	12	40	18
X843044		3.75	0.004		<0.2	0.96	167	<10	50	0.5	<2	0.34	<0.5	2	9	6
X843045		3.17	0.006		<0.2	1.62	165	<10	100	0.5	<2	0.54	<0.5	8	8	5
X843046		3.00	0.001		<0.2	0.46	64	<10	40	<0.5	<2	0.25	<0.5	1	9	2
X843047		Destroyed														
X843047/X843048		2.74	0.001		<0.2	0.55	63	<10	80	<0.5	<2	1.23	<0.5	3	9	4
X843049		3.20	0.001		<0.2	0.92	17	<10	130	<0.5	<2	2.08	<0.5	6	12	6
X843050		0.06	2.96	NSS	0.6	2.42	158	<10	170	<0.5	2	1.73	<0.5	26	404	83
X843051		3.98	0.001		<0.2	0.91	5	<10	100	<0.5	<2	2.42	<0.5	6	10	6
X843052		2.53	0.002		<0.2	0.87	45	<10	110	<0.5	<2	2.18	<0.5	6	11	5
X843053		3.51	0.003		<0.2	0.84	117	<10	100	<0.5	<2	1.84	<0.5	6	12	3
X843054		1.56	0.007		<0.2	0.42	42	<10	60	<0.5	<2	2.29	<0.5	3	8	7
X843055		2.10	0.002		<0.2	0.47	94	<10	100	0.6	<2	0.89	<0.5	3	7	8

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation



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: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843016		2.99	<10	<1	0.89	40	0.70	466	2	0.01	23	470	12	0.01	6	6
X843017		3.03	<10	2	0.28	40	0.14	590	1	<0.01	24	440	27	<0.01	19	4
X843018		2.78	<10	<1	0.36	40	0.18	571	1	<0.01	22	490	15	<0.01	19	4
X843019		2.61	<10	4	0.23	30	0.04	639	1	<0.01	24	180	21	<0.01	32	3
X843020		2.68	<10	<1	0.19	10	0.70	367	2	0.15	5	600	4	0.01	<2	2
X843021		4.60	<10	3	0.39	40	0.06	146	1	<0.01	9	400	42	0.24	199	4
X843022		3.62	<10	<1	0.98	40	0.66	619	1	0.01	26	530	17	<0.01	21	5
X843023		2.87	<10	1	0.87	30	0.68	466	1	0.01	21	490	16	0.03	5	6
X843024		3.00	<10	2	0.21	20	0.11	610	1	<0.01	28	340	18	0.01	14	4
X843025		3.26	<10	<1	0.99	30	0.74	610	<1	0.01	23	450	13	0.01	6	5
X843026		3.53	<10	<1	1.07	30	0.89	595	<1	0.01	30	480	14	0.03	7	8
X843027		4.30	10	<1	1.51	20	1.39	725	<1	0.02	28	530	16	0.11	3	13
X843028		3.81	<10	<1	1.00	30	1.47	653	1	0.01	36	460	27	0.08	<2	8
X843029		3.75	10	<1	1.36	30	1.25	459	1	0.02	42	450	9	0.06	<2	7
X843030		0.98	<10	<1	0.35	10	3.25	212	3	0.02	19	250	10	0.03	19	3
X843031		3.25	<10	<1	1.21	20	1.09	422	1	0.02	32	410	6	0.02	6	5
X843032		3.47	10	<1	1.35	30	1.50	523	1	0.02	37	420	13	0.09	<2	6
X843033		2.52	<10	<1	0.49	20	0.55	403	1	0.01	28	350	47	0.14	<2	3
X843034		3.06	<10	<1	0.87	30	0.83	397	1	0.01	27	390	13	0.12	<2	5
X843035		2.67	<10	1	0.49	30	0.37	356	1	<0.01	24	360	11	0.04	9	3
X843036		3.21	<10	1	0.23	30	0.14	831	1	<0.01	27	300	15	0.02	13	6
X843037		3.78	<10	<1	1.11	20	1.47	939	<1	<0.01	33	340	14	0.02	6	14
X843038		2.79	<10	1	0.39	40	0.29	827	1	<0.01	13	330	32	0.01	18	5
X843039		2.37	<10	2	0.21	20	0.05	376	1	<0.01	12	120	21	0.04	12	3
X843040		2.64	<10	<1	0.19	10	0.69	361	2	0.15	4	600	4	0.01	<2	2
X843041		2.68	<10	<1	0.62	30	0.52	427	1	0.01	23	430	11	0.01	6	6
X843042		3.38	<10	<1	1.16	30	1.50	785	1	0.01	26	330	7	0.02	2	9
X843043		2.71	<10	<1	0.80	40	1.04	786	1	0.01	17	370	25	<0.01	3	6
X843044		2.20	<10	<1	0.45	40	0.41	382	1	0.01	3	160	19	<0.01	6	1
X843045		3.71	10	<1	0.53	30	0.80	664	1	0.02	3	960	6	<0.01	2	3
X843046		1.09	<10	<1	0.22	20	0.11	270	1	0.03	2	50	6	<0.01	<2	1
X843047																
X843047/X843048		1.12	<10	<1	0.35	30	0.18	330	1	0.02	4	230	9	0.02	<2	1
X843049		1.64	<10	<1	0.60	30	0.54	381	1	0.03	8	360	12	0.10	<2	3
X843050		4.83	10	<1	0.51	10	2.07	816	5	0.16	231	340	20	0.35	3	5
X843051		1.58	<10	<1	0.54	20	0.54	448	1	0.02	6	360	11	0.11	<2	3
X843052		1.67	<10	<1	0.53	30	0.46	438	1	0.02	7	360	8	0.03	<2	3
X843053		1.96	<10	<1	0.42	30	0.41	579	1	0.01	6	370	7	0.09	2	3
X843054		1.02	<10	<1	0.27	30	0.10	490	1	0.01	2	210	6	0.04	2	1
X843055		1.20	<10	<1	0.28	30	0.10	379	1	0.02	3	180	10	0.06	2	1

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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 BURRARD STREET**  
**VANCOUVER BC V6C 2X8**

Page: 2 - C  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843016		26	20	0.09	<10	<10	25	<10
X843017		22	20	0.01	<10	<10	18	<10
X843018		54	20	0.02	<10	<10	19	<10
X843019		23	<20	<0.01	<10	<10	13	<10
X843020		67	<20	0.12	<10	<10	92	<10
X843021		114	20	<0.01	<10	10	13	<10
X843022		21	20	0.11	<10	<10	27	<10
X843023		47	<20	0.08	<10	<10	23	<10
X843024		28	<20	<0.01	<10	10	14	<10
X843025		34	<20	0.11	<10	<10	24	<10
X843026		44	<20	0.12	<10	<10	42	<10
X843027		85	<20	0.15	<10	<10	74	<10
X843028		97	<20	0.11	<10	<10	42	<10
X843029		58	<20	0.16	<10	<10	43	<10
X843030		145	<20	0.01	<10	<10	46	10
X843031		23	<20	0.15	<10	<10	43	<10
X843032		67	<20	0.15	<10	<10	51	<10
X843033		71	<20	0.04	<10	<10	17	<10
X843034		75	<20	0.10	<10	<10	24	<10
X843035		48	20	0.04	<10	<10	17	<10
X843036		25	<20	<0.01	<10	<10	25	<10
X843037		63	<20	0.07	<10	<10	72	<10
X843038		24	20	0.01	<10	<10	20	<10
X843039		49	20	<0.01	<10	<10	7	<10
X843040		66	<20	0.12	<10	<10	91	<10
X843041		33	20	0.05	<10	<10	25	<10
X843042		40	20	0.08	<10	<10	49	<10
X843043		49	20	0.04	<10	<10	37	<10
X843044		11	20	0.02	<10	<10	5	<10
X843045		18	20	0.07	<10	<10	43	<10
X843046		10	20	<0.01	<10	<10	1	<10
X843047								9
X843047/X843048		26	20	0.02	<10	<10	4	<10
X843049		53	<20	0.05	<10	<10	11	<10
X843050		87	<20	0.11	<10	<10	70	<10
X843051		69	<20	0.04	<10	<10	9	<10
X843052		53	<20	0.05	<10	<10	10	<10
X843053		42	<20	0.03	<10	<10	11	<10
X843054		64	20	0.01	<10	<10	2	<10
X843055		31	20	0.01	<10	<10	2	<10

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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: 3 - A  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843056		2.48	0.002		<0.2	0.42	47	<10	90	0.5	<2	1.72	<0.5	2	9	5
X843057		2.99	0.002		<0.2	0.42	109	<10	110	<0.5	<2	1.23	<0.5	3	7	5
X843058		2.41	0.017		<0.2	0.41	212	<10	120	0.5	<2	0.74	1.1	5	8	3
X843059		3.06	0.010		0.2	0.56	279	<10	130	0.8	<2	2.08	<0.5	6	8	17
X843060		0.06	0.001		0.3	1.50	<2	<10	120	<0.5	<2	0.86	<0.5	9	9	88
X843061		3.03	0.002		<0.2	0.72	56	<10	130	0.6	<2	1.54	<0.5	4	10	5
X843062		2.25	0.004		<0.2	1.01	18	<10	210	<0.5	2	1.38	<0.5	5	15	5
X843063		3.15	<0.001		<0.2	0.99	4	<10	160	<0.5	<2	1.76	<0.5	7	13	9
X843064		2.72	0.001		<0.2	1.10	55	<10	130	0.5	<2	1.77	<0.5	7	15	7
X843065		4.09	<0.001		<0.2	1.13	4	<10	150	<0.5	2	2.21	<0.5	6	14	6
X843066		3.06	<0.001		<0.2	1.01	5	<10	220	<0.5	2	1.69	<0.5	6	15	16
X843067		2.90	0.073		<0.2	0.68	339	<10	110	0.8	<2	1.89	<0.5	6	9	15
X843068		3.23	0.003		0.2	0.56	82	<10	70	0.9	2	4.60	<0.5	9	7	27
X843069		3.58	<0.001		<0.2	0.58	8	<10	70	0.7	<2	3.14	<0.5	5	11	5
X843070		0.06	1.145	NSS	0.2	2.97	30	<10	120	<0.5	<2	2.03	<0.5	14	111	115
X843071		2.77	0.002		<0.2	0.76	15	<10	70	0.8	2	1.99	<0.5	6	10	9
X843072		2.90	0.002		<0.2	1.18	79	<10	120	0.9	<2	1.86	<0.5	7	10	7
X843073		2.28	0.002		<0.2	1.50	71	<10	220	1.2	<2	1.72	<0.5	8	22	6
X843074		0.84	0.013		<0.2	0.82	92	<10	280	0.8	<2	1.54	<0.5	5	8	15
X843075		2.00	0.001		<0.2	0.83	30	<10	130	0.8	<2	2.38	<0.5	5	9	9
X843076		3.05	0.003		<0.2	1.20	57	<10	200	1.0	<2	1.59	<0.5	7	14	9
X843077		2.73	0.003		<0.2	0.83	78	<10	100	0.9	<2	2.24	<0.5	6	10	6
X843078		2.42	0.084		<0.2	0.94	57	<10	220	0.7	<2	1.89	<0.5	6	14	13
X843079		2.74	0.001		<0.2	1.16	14	<10	180	0.6	2	1.86	<0.5	7	17	14
X843080		0.06	0.002		<0.2	1.57	<2	<10	130	<0.5	<2	0.90	<0.5	8	10	92
X843081		2.92	<0.001		<0.2	0.87	5	<10	110	0.7	<2	2.08	<0.5	5	13	7
X843082		3.17	0.002		<0.2	1.06	12	<10	190	0.8	<2	1.67	<0.5	6	14	5
X843083		3.14	<0.001		<0.2	1.15	6	<10	170	0.5	2	1.97	<0.5	6	18	4
X843084		2.79	<0.001		<0.2	1.11	6	<10	610	0.5	<2	1.85	<0.5	7	17	4
X843085		2.82	<0.001		<0.2	0.94	26	<10	110	0.9	<2	1.77	<0.5	5	12	3
X843086		2.91	<0.001		<0.2	0.78	14	<10	100	0.8	<2	1.98	<0.5	6	10	7
X843087		2.77	<0.001		<0.2	0.82	14	<10	70	0.7	<2	1.62	<0.5	4	9	2
X843088		2.39	<0.001		<0.2	0.56	20	<10	60	0.6	<2	1.10	<0.5	2	11	3
X843089		2.94	<0.001		<0.2	0.84	16	<10	160	0.5	<2	1.17	<0.5	4	15	4
X843090		0.06	9.35	4.26	5.5	1.87	39	<10	170	<0.5	<2	1.10	3.0	15	31	1795
X843091		2.90	<0.001		<0.2	0.71	7	<10	130	<0.5	<2	1.65	<0.5	3	12	5
X843092		3.04	<0.001		<0.2	1.19	11	<10	150	1.0	2	2.09	<0.5	5	12	3
X843093		2.35	<0.001		<0.2	0.87	6	<10	100	0.7	<2	2.43	<0.5	5	13	3
X843094		2.72	0.001		<0.2	0.48	8	<10	660	0.6	3	0.59	<0.5	2	8	4
X843095		2.89	0.007		<0.2	0.33	56	<10	60	0.5	10	0.04	<0.5	4	8	36

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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: 3 - B  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

# CERTIFICATE OF ANALYSIS WH18157203

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
X843056		0.98	<10	<1	0.26	30	0.08	331	1	0.02	3	190	11	<0.01	<2	1
X843057		0.89	<10	<1	0.25	40	0.04	437	1	<0.01	3	220	16	<0.01	<2	1
X843058		1.29	<10	<1	0.23	30	0.04	415	1	<0.01	5	230	53	<0.01	2	1
X843059		1.52	<10	<1	0.23	20	0.06	473	1	<0.01	6	330	19	0.01	4	2
X843060		2.61	<10	<1	0.20	10	0.70	365	2	0.15	5	600	3	0.01	<2	2
X843061		1.35	<10	<1	0.38	30	0.22	318	1	0.02	5	270	10	<0.01	<2	2
X843062		1.97	<10	<1	0.71	30	0.55	388	1	0.04	8	400	5	0.07	<2	4
X843063		1.81	<10	<1	0.73	30	0.56	347	1	0.04	9	440	8	0.08	<2	3
X843064		2.11	10	<1	0.82	30	0.61	469	1	0.03	9	420	8	0.05	<2	4
X843065		2.00	10	<1	0.81	30	0.68	489	1	0.04	10	430	6	0.18	<2	3
X843066		1.84	<10	<1	0.69	30	0.62	383	1	0.04	9	450	9	0.08	<2	4
X843067		1.65	<10	<1	0.39	20	0.18	363	1	0.01	7	390	12	0.02	6	2
X843068		2.35	<10	<1	0.18	20	1.32	662	1	0.01	7	270	16	0.02	3	2
X843069		1.60	<10	<1	0.19	20	0.83	408	1	0.01	7	110	7	0.01	<2	2
X843070		2.93	10	<1	0.22	10	1.32	401	4	0.35	126	370	12	0.06	<2	3
X843071		1.82	<10	<1	0.28	20	0.57	370	1	<0.01	7	270	9	0.12	<2	3
X843072		2.03	<10	<1	0.51	20	0.39	409	1	<0.01	8	410	9	0.06	<2	3
X843073		2.41	10	1	0.92	20	0.88	640	1	0.02	9	470	12	0.01	2	4
X843074		1.81	<10	1	0.47	50	0.31	1025	1	0.01	4	390	7	0.01	4	2
X843075		1.67	<10	<1	0.46	40	0.27	467	1	0.01	4	310	7	0.03	<2	3
X843076		2.24	<10	<1	0.67	20	0.55	622	1	0.03	8	390	6	0.01	2	4
X843077		1.68	<10	<1	0.28	20	0.16	364	1	<0.01	7	340	9	0.02	4	3
X843078		2.08	<10	<1	0.50	20	0.45	494	1	0.03	8	390	3	0.12	<2	5
X843079		2.35	10	<1	0.82	30	0.72	527	1	0.04	9	400	4	0.10	<2	5
X843080		2.69	<10	<1	0.20	10	0.72	373	2	0.16	5	630	4	0.01	<2	2
X843081		1.68	<10	<1	0.57	30	0.53	337	1	0.03	7	300	5	0.10	<2	4
X843082		1.82	<10	<1	0.70	20	0.69	334	1	0.02	7	420	6	0.05	<2	5
X843083		1.98	10	1	0.77	20	0.96	384	1	0.04	9	430	4	0.11	<2	5
X843084		1.91	<10	<1	0.68	30	0.76	338	1	0.03	9	480	7	0.11	<2	5
X843085		1.60	<10	<1	0.42	20	0.35	293	1	<0.01	6	340	6	0.03	4	6
X843086		1.76	<10	<1	0.36	20	0.27	374	1	<0.01	7	370	5	0.02	<2	5
X843087		1.38	<10	<1	0.32	30	0.55	259	1	<0.01	7	430	4	0.09	<2	3
X843088		0.97	<10	<1	0.26	40	0.19	170	2	0.02	5	470	4	0.01	<2	2
X843089		1.28	<10	<1	0.54	40	0.44	212	1	0.03	9	800	4	0.01	<2	2
X843090		3.78	10	<1	0.24	10	0.92	601	24	0.21	170	570	317	0.44	2	3
X843091		1.11	<10	<1	0.48	40	0.38	224	2	0.03	8	700	7	0.06	<2	2
X843092		2.74	<10	<1	0.77	20	0.52	542	2	0.02	6	290	8	0.15	<2	3
X843093		1.65	<10	<1	0.61	20	0.46	463	2	0.02	6	380	4	0.16	<2	4
X843094		1.36	<10	1	0.28	30	0.08	208	2	<0.01	3	70	3	0.11	<2	1
X843095		0.91	<10	<1	0.19	20	0.02	148	2	<0.01	5	40	7	0.02	<2	1

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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 BURRARD STREET**  
**VANCOUVER BC V6C 2X8**

Page: 3 - C  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843056		47	20	0.01	<10	<10	2	<10
X843057		28	20	<0.01	<10	<10	2	<10
X843058		24	20	<0.01	<10	<10	4	<10
X843059		24	<20	<0.01	<10	<10	7	<10
X843060		70	<20	0.12	<10	<10	94	<10
X843061		32	20	0.03	<10	<10	7	<10
X843062		31	20	0.08	<10	<10	17	<10
X843063		35	20	0.08	<10	<10	15	<10
X843064		32	20	0.09	<10	<10	21	<10
X843065		36	20	0.08	<10	<10	16	<10
X843066		38	20	0.07	<10	<10	16	<10
X843067		34	20	0.02	<10	<10	7	<10
X843068		104	<20	<0.01	<10	<10	14	<10
X843069		92	<20	<0.01	<10	<10	11	<10
X843070		94	<20	0.10	<10	<10	71	<10
X843071		66	<20	0.02	<10	<10	12	<10
X843072		28	<20	0.04	<10	<10	13	10
X843073		44	20	0.09	<10	<10	22	<10
X843074		48	30	0.04	<10	<10	8	<10
X843075		50	20	0.03	<10	<10	10	<10
X843076		34	20	0.07	<10	<10	18	<10
X843077		28	<20	0.01	<10	<10	12	<10
X843078		35	<20	0.06	<10	<10	18	<10
X843079		41	20	0.09	<10	<10	23	<10
X843080		73	<20	0.13	<10	<10	97	<10
X843081		64	20	0.05	<10	<10	16	<10
X843082		51	20	0.06	<10	<10	18	<10
X843083		54	<20	0.06	<10	<10	23	<10
X843084		75	20	0.05	<10	<10	21	<10
X843085		45	<20	0.02	<10	<10	18	<10
X843086		40	<20	0.02	<10	<10	16	<10
X843087		43	20	0.02	<10	<10	12	<10
X843088		30	30	0.01	<10	<10	7	<10
X843089		38	30	0.04	<10	<10	10	<10
X843090		86	<20	0.14	<10	<10	95	<10
X843091		46	30	0.03	<10	<10	8	<10
X843092		69	20	0.07	<10	<10	14	<10
X843093		64	20	0.05	<10	<10	15	<10
X843094		24	20	<0.01	<10	<10	4	<10
X843095		12	20	<0.01	<10	<10	2	<10

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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 BURRARD STREET  
VANCOUVER BC V6C 2X8

Page: 4 - A  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843096		3.20	0.003		<0.2	0.34	43	<10	40	<0.5	<2	0.02	<0.5	1	9	11
X843097		3.00	<0.001		<0.2	0.38	44	<10	50	0.5	3	0.61	<0.5	3	8	28
X843098		2.86	<0.001		<0.2	0.34	30	<10	130	<0.5	<2	0.69	<0.5	2	8	18
X843099		3.05	<0.001		<0.2	0.33	54	<10	100	<0.5	2	0.58	<0.5	5	9	64
X843100		0.06	0.002		0.2	1.47	<2	<10	120	<0.5	<2	0.83	<0.5	8	9	89
X843101		3.25	0.001		<0.2	0.74	209	<10	1330	0.7	<2	1.68	<0.5	8	37	23
X843102		3.27	0.006		<0.2	1.77	256	<10	310	1.1	<2	1.12	<0.5	15	87	21
X843103		2.96	0.003		<0.2	0.73	471	<10	370	1.2	3	0.98	<0.5	12	44	41
X843104		2.87	0.004		<0.2	0.25	147	<10	50	<0.5	2	0.43	<0.5	2	11	16
X843105		2.95	0.002		<0.2	0.48	246	<10	330	0.8	12	1.23	<0.5	8	20	13
X843106		2.99	7.04	0.86	1.0	0.34	2940	<10	190	0.7	2	1.52	0.5	10	14	36
X843107		3.68	2.01	0.77	0.3	0.40	2880	<10	110	0.9	2	2.32	0.5	13	20	41
X843108		3.24	0.299		0.2	0.36	2320	<10	140	0.7	2	2.63	<0.5	14	17	40
X843109		1.58	0.162		0.2	0.60	1350	<10	140	1.0	3	3.09	<0.5	15	20	58
X843110		0.06	0.787	0.69	<0.2	2.53	6	<10	90	<0.5	2	1.84	<0.5	14	95	162
X843111		1.32	0.004		<0.2	0.96	14	<10	230	<0.5	<2	1.64	<0.5	6	14	17

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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: 4 - B  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843096		0.66	<10	<1	0.13	10	0.01	61	2	<0.01	4	20	4	0.01	<2	1
X843097		0.98	<10	1	0.17	20	0.03	151	2	<0.01	4	80	5	0.12	<2	1
X843098		0.99	<10	1	0.17	20	0.08	166	2	<0.01	3	60	4	0.15	2	1
X843099		1.09	<10	<1	0.17	20	0.03	208	2	<0.01	4	60	6	0.15	<2	1
X843100		2.61	<10	<1	0.20	10	0.70	360	2	0.14	5	620	3	0.01	<2	2
X843101		1.97	<10	<1	0.37	30	0.43	292	2	0.01	18	290	7	0.11	4	4
X843102		3.61	10	<1	1.14	30	1.28	545	2	0.01	52	740	4	0.10	16	8
X843103		3.25	<10	<1	0.24	30	0.34	645	3	<0.01	39	530	8	0.22	17	6
X843104		1.01	<10	<1	0.08	20	0.07	150	2	<0.01	4	70	8	0.06	10	1
X843105		2.33	<10	<1	0.17	30	0.08	426	3	<0.01	18	350	13	0.02	15	3
X843106		2.75	<10	<1	0.16	20	0.52	391	2	<0.01	29	430	79	1.30	58	2
X843107		3.34	<10	1	0.21	10	1.00	599	3	<0.01	37	440	14	1.55	31	4
X843108		3.33	<10	<1	0.22	10	1.08	616	2	<0.01	37	490	14	1.56	25	3
X843109		3.13	<10	1	0.21	20	0.14	808	1	<0.01	28	320	15	0.03	12	6
X843110		2.46	10	<1	0.17	10	1.35	425	3	0.27	141	370	9	0.07	<2	2
X843111		1.85	<10	<1	0.67	30	0.60	379	1	0.03	9	450	9	0.08	<2	3

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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 BURRARD STREET  
VANCOUVER BC V6C 2X8

Page: 4 - C  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

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
X843096		9	20	<0.01	<10	<10	1	<10
X843097		22	20	<0.01	<10	<10	1	<10
X843098		20	20	<0.01	<10	<10	2	<10
X843099		16	20	<0.01	<10	<10	3	<10
X843100		67	<20	0.12	<10	<10	94	<10
X843101		55	20	0.02	<10	<10	25	<10
X843102		42	<20	0.08	<10	<10	69	<10
X843103		42	20	0.01	<10	<10	56	<10
X843104		22	30	<0.01	<10	20	6	<10
X843105		62	20	<0.01	<10	10	22	<10
X843106		184	<20	<0.01	<10	10	12	<10
X843107		370	<20	<0.01	<10	10	20	<10
X843108		416	<20	<0.01	<10	<10	13	<10
X843109		27	<20	<0.01	<10	<10	25	<10
X843110		71	<20	0.08	<10	<10	65	<10
X843111		38	20	0.07	<10	<10	15	<10

Comments: Sample#32 (X843047) and #33 (X843048) were blended during sample preparation

\*\*\*\*\* 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: 22-JUL-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18157203**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: NSS is non-sufficient sample.  
ALL METHODS

**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