



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: 16-AUG-2018  
Account: KAMGOL

**CERTIFICATE VA18178290**

Project: Coffee

P.O. No.: KGC-18-1342

This report is for 83 Percussion samples submitted to our lab in Whitehorse, YT,  
Canada on 24-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



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: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801245		1.18	0.057		<0.2	1.33	125	<10	160	0.8	<2	0.34	<0.5	12	25	12
W801246		1.16	0.013		<0.2	2.52	62	<10	310	1.0	<2	0.68	<0.5	22	37	21
W801247		1.04	0.013		<0.2	0.70	38	<10	140	<0.5	3	0.09	<0.5	5	11	5
W801248		1.26	0.003		<0.2	0.86	38	<10	140	0.5	2	0.14	<0.5	6	14	6
W801249		1.56	0.008		<0.2	0.71	33	<10	110	<0.5	<2	0.10	<0.5	3	8	10
W801250		0.10	0.679	0.67	0.2	2.54	6	<10	90	<0.5	<2	1.85	<0.5	14	96	159
W801251		1.48	0.015		<0.2	0.97	46	<10	140	0.5	4	0.11	<0.5	7	14	8
W801252		1.30	0.164		<0.2	1.33	334	<10	210	0.9	<2	0.22	<0.5	8	23	8
W801253		1.40	0.017		<0.2	1.12	105	<10	180	0.5	<2	0.15	<0.5	6	11	7
W801254		1.16	0.050		<0.2	0.84	146	<10	150	0.6	2	0.12	<0.5	5	13	14
W801255		1.30	0.018		<0.2	1.01	123	<10	170	0.6	2	0.15	<0.5	8	21	7
W801256		1.62	0.009		<0.2	0.80	50	<10	270	<0.5	<2	0.14	<0.5	5	10	4
W801257		1.32	0.004		<0.2	0.74	22	<10	120	<0.5	<2	0.16	<0.5	5	13	4
W801258		1.48	0.004		<0.2	0.86	23	<10	110	<0.5	<2	0.19	<0.5	6	14	4
W801259		1.48	0.004		<0.2	0.96	31	<10	140	<0.5	<2	0.20	<0.5	6	14	3
W801260		0.10	<0.001		<0.2	1.50	2	<10	120	<0.5	<2	0.85	<0.5	9	10	88
W801261		1.60	0.007		<0.2	0.97	30	<10	160	0.5	3	0.21	<0.5	5	17	4
W801262		1.62	0.008		<0.2	0.90	36	<10	230	0.6	<2	0.25	<0.5	4	22	5
W801263		1.60	0.001		<0.2	1.00	19	<10	160	<0.5	<2	0.25	<0.5	5	30	4
W801264		1.62	<0.001		<0.2	0.71	12	<10	70	<0.5	2	0.17	<0.5	4	15	6
W801265		1.54	0.001		<0.2	0.57	21	<10	180	0.6	2	0.17	<0.5	4	12	4
W801266		1.52	0.012		0.2	0.35	41	<10	810	1.1	3	0.24	<0.5	5	16	6
W801267		1.40	0.015		<0.2	0.29	60	<10	830	0.9	<2	0.17	<0.5	3	15	5
W801268		1.52	0.022		<0.2	0.49	51	<10	380	1.2	<2	0.22	<0.5	5	18	10
W801269		1.48	0.029		<0.2	0.24	77	<10	1680	0.8	<2	0.18	<0.5	2	14	4
W801270		0.10	2.95	2.97	0.7	2.48	159	<10	170	<0.5	<2	1.78	0.5	28	426	83
W801271		1.46	0.011		<0.2	0.22	62	<10	650	0.9	<2	0.09	0.8	3	11	4
W801272		1.62	0.003		<0.2	0.42	41	<10	130	0.5	2	0.11	<0.5	3	12	5
W801273		1.60	0.001		<0.2	0.64	90	<10	80	<0.5	<2	0.09	<0.5	4	13	7
W801274		1.50	0.001		<0.2	0.80	55	<10	80	<0.5	2	0.16	<0.5	5	14	5
W801275		1.48	0.058		<0.2	0.45	356	<10	150	0.6	<2	0.12	<0.5	5	13	8
W801276		1.40	0.009		<0.2	0.77	59	<10	110	1.0	<2	0.25	<0.5	9	42	31
W801277		1.42	0.006		<0.2	0.36	47	<10	70	<0.5	<2	0.07	<0.5	4	12	5
W801278		1.64	0.009		<0.2	0.53	117	<10	90	0.5	<2	0.11	<0.5	6	11	8
W801279		1.54	0.016		<0.2	0.33	74	<10	70	<0.5	2	0.08	<0.5	5	15	21
W801280		0.10	0.001		<0.2	1.43	<2	<10	120	<0.5	<2	0.81	<0.5	8	9	86
W801281		1.72	0.005		<0.2	0.64	45	<10	70	0.5	<2	0.38	<0.5	6	13	6
W801282		1.58	0.007		<0.2	0.29	87	<10	50	<0.5	<2	0.50	<0.5	4	9	6
W801283		1.60	0.002		<0.2	0.90	45	<10	130	0.6	<2	1.44	<0.5	8	64	7
W801284		2.00	0.005		<0.2	1.99	24	<10	340	<0.5	<2	3.68	<0.5	24	226	28



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: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801245		2.56	<10	<1	0.65	30	0.72	535	1	0.02	13	550	7	0.01	9	3
W801246		4.02	10	<1	1.51	30	1.84	850	1	0.02	22	1060	7	0.01	5	5
W801247		1.82	<10	<1	0.39	50	0.29	234	2	0.03	7	310	6	0.02	3	1
W801248		1.69	<10	<1	0.51	50	0.44	299	2	0.03	8	340	5	<0.01	6	2
W801249		1.55	<10	<1	0.43	30	0.34	203	1	0.03	6	320	4	<0.01	<2	1
W801250		2.46	10	<1	0.17	10	1.35	428	3	0.28	142	370	11	0.07	<2	2
W801251		2.04	<10	<1	0.60	50	0.45	272	2	0.03	8	390	6	<0.01	5	2
W801252		2.72	10	<1	0.81	50	0.69	420	2	0.01	14	580	8	<0.01	27	3
W801253		2.31	<10	<1	0.72	60	0.45	420	2	0.03	10	480	7	<0.01	16	2
W801254		2.02	<10	<1	0.39	80	0.19	314	2	0.02	9	410	14	<0.01	30	2
W801255		2.27	<10	1	0.61	60	0.43	464	2	0.03	12	440	5	<0.01	22	3
W801256		1.75	<10	<1	0.51	50	0.32	346	2	0.04	7	370	3	0.01	6	2
W801257		1.48	<10	<1	0.46	50	0.31	285	2	0.03	8	340	2	<0.01	2	1
W801258		1.78	<10	<1	0.51	60	0.34	297	2	0.04	9	360	3	0.01	2	1
W801259		2.09	10	<1	0.52	50	0.45	342	1	0.04	10	380	5	<0.01	3	2
W801260		2.60	<10	<1	0.20	10	0.69	364	2	0.15	5	620	4	0.01	<2	2
W801261		2.20	10	<1	0.56	50	0.49	417	2	0.04	11	390	5	0.02	5	2
W801262		2.10	<10	<1	0.62	50	0.46	350	2	0.04	10	400	5	0.01	7	2
W801263		1.99	10	<1	0.65	50	0.47	306	3	0.05	14	380	4	0.01	2	2
W801264		1.92	<10	<1	0.46	50	0.30	211	3	0.04	8	300	5	0.19	<2	2
W801265		2.13	<10	<1	0.42	40	0.27	253	3	0.05	7	360	7	0.27	6	2
W801266		1.75	<10	1	0.31	20	0.19	536	8	0.01	7	610	125	0.02	5	2
W801267		1.61	<10	<1	0.30	10	0.14	412	2	0.01	7	510	25	0.02	12	3
W801268		2.00	<10	<1	0.37	40	0.32	427	2	0.03	10	430	39	0.01	6	2
W801269		1.08	<10	<1	0.24	10	0.07	307	2	0.02	6	570	15	0.04	10	1
W801270		4.96	10	<1	0.52	10	2.13	824	5	0.17	235	370	20	0.36	<2	5
W801271		1.44	<10	1	0.22	10	0.05	492	2	0.01	6	290	80	0.02	12	2
W801272		1.60	<10	1	0.33	20	0.15	182	4	0.03	5	300	7	0.17	4	1
W801273		1.88	<10	<1	0.40	50	0.23	124	4	0.03	6	350	6	0.15	<2	1
W801274		2.16	<10	1	0.45	50	0.32	198	4	0.04	9	370	8	0.44	2	2
W801275		1.81	<10	<1	0.25	50	0.12	390	3	0.03	31	330	6	0.02	14	2
W801276		2.46	10	<1	0.57	30	0.46	398	3	0.02	144	380	5	0.04	2	2
W801277		1.52	<10	<1	0.20	50	0.12	206	4	0.04	6	240	4	0.07	2	1
W801278		1.70	<10	<1	0.28	50	0.16	185	3	0.03	7	350	4	0.01	6	2
W801279		1.55	<10	1	0.14	40	0.06	170	3	0.03	39	250	4	<0.01	3	1
W801280		2.52	<10	<1	0.19	10	0.67	347	2	0.15	4	600	4	0.01	<2	2
W801281		1.71	<10	1	0.41	40	0.31	249	4	0.04	5	380	5	<0.01	5	2
W801282		1.13	<10	1	0.14	40	0.04	145	3	0.03	5	260	6	<0.01	4	1
W801283		1.87	<10	<1	0.55	40	0.53	316	3	0.04	25	330	4	<0.01	4	3
W801284		2.97	10	<1	1.29	<10	2.12	723	2	0.05	161	490	7	0.02	2	4



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: 16-AUG-2018  
 Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801245		29	20	0.12	<10	<10	39	<10
W801246		58	<20	0.28	<10	<10	75	<10
W801247		16	20	0.04	<10	<10	8	<10
W801248		12	30	0.06	<10	<10	10	<10
W801249		10	20	0.04	<10	<10	7	<10
W801250		70	<20	0.09	<10	<10	65	<10
W801251		11	30	0.07	<10	<10	11	<10
W801252		28	20	0.11	<10	<10	23	<10
W801253		11	20	0.08	<10	<10	11	<10
W801254		11	30	0.04	<10	<10	11	<10
W801255		12	20	0.06	<10	<10	18	<10
W801256		13	30	0.05	<10	<10	8	<10
W801257		14	20	0.04	<10	<10	7	<10
W801258		22	30	0.05	<10	<10	9	<10
W801259		28	20	0.06	<10	<10	13	<10
W801260		68	<20	0.13	<10	<10	95	<10
W801261		69	20	0.08	<10	<10	22	<10
W801262		56	40	0.12	<10	<10	35	<10
W801263		27	30	0.12	<10	<10	15	<10
W801264		28	30	0.10	<10	<10	13	<10
W801265		63	20	0.11	<10	<10	24	<10
W801266		70	<20	0.09	<10	<10	64	<10
W801267		57	<20	0.05	<10	<10	44	<10
W801268		115	20	0.08	<10	<10	36	<10
W801269		72	<20	0.05	<10	<10	40	<10
W801270		92	<20	0.11	<10	<10	74	<10
W801271		35	80	0.01	<10	<10	62	<10
W801272		50	40	0.06	<10	10	25	<10
W801273		35	30	0.06	<10	<10	8	<10
W801274		19	30	0.07	<10	<10	10	<10
W801275		20	20	0.01	<10	<10	12	<10
W801276		51	20	0.07	<10	<10	27	<10
W801277		14	30	0.02	<10	<10	7	<10
W801278		16	30	0.01	<10	<10	9	<10
W801279		13	30	<0.01	<10	<10	7	<10
W801280		65	<20	0.12	<10	<10	91	<10
W801281		17	30	0.03	<10	<10	15	<10
W801282		20	30	<0.01	<10	<10	3	<10
W801283		33	20	0.05	<10	<10	20	<10
W801284		83	<20	0.16	<10	<10	58	<10



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: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801285		1.38	0.008		<0.2	1.54	64	<10	170	<0.5	<2	0.77	<0.5	16	94	21
W801286		1.36	0.012		<0.2	1.74	191	<10	200	0.7	<2	1.72	<0.5	21	160	9
W801287		2.08	0.009		<0.2	1.52	115	<10	140	0.6	<2	1.41	<0.5	18	102	11
W801288		1.54	0.003		<0.2	1.87	22	<10	290	0.5	<2	1.34	<0.5	15	63	16
W801289		2.06	0.001		<0.2	1.88	10	<10	280	0.6	<2	1.30	<0.5	17	64	28
W801290		0.10	6.00	5.75	1.1	2.37	515	<10	110	<0.5	<2	1.89	<0.5	44	770	95
W801291		2.08	0.001		<0.2	1.48	8	<10	180	0.5	<2	2.15	<0.5	29	108	38
W801292		2.16	<0.001		<0.2	1.69	4	<10	370	<0.5	<2	2.67	<0.5	20	118	26
W801293		1.66	0.003		<0.2	0.94	25	<10	120	<0.5	<2	0.79	<0.5	7	37	8
W801294		1.92	0.011		<0.2	2.20	53	<10	380	0.5	<2	2.17	<0.5	21	135	13
W801295		2.00	<0.001		<0.2	2.19	8	<10	440	0.7	<2	3.85	<0.5	19	150	10
W801296		1.78	<0.001		<0.2	1.17	9	<10	80	<0.5	2	1.83	<0.5	16	109	13
W801297		1.16	2.05	1.93	0.4	0.76	2470	<10	130	1.0	<2	3.90	<0.5	18	73	16
W801298		1.54	0.393	0.39	0.6	0.41	1425	<10	60	0.9	<2	3.50	<0.5	8	19	7
W801299		1.34	0.419	0.45	<0.2	0.32	420	<10	120	0.6	<2	0.85	<0.5	2	10	11
W801300		0.10	0.001		<0.2	1.49	<2	<10	120	<0.5	<2	0.85	<0.5	8	9	87
W801401		1.40	0.477	0.52	<0.2	0.39	286	<10	1560	0.6	<2	0.98	<0.5	1	10	5
W801402		1.54	0.014		<0.2	0.36	59	<10	140	0.5	<2	0.60	<0.5	1	9	5
W801403		1.70	0.016		<0.2	0.34	82	<10	80	0.5	<2	0.50	<0.5	1	13	5
W801404		1.66	0.639	0.69	<0.2	0.32	181	<10	40	0.5	<2	0.41	<0.5	1	11	4
W801405		1.44	0.009		<0.2	0.33	15	<10	60	<0.5	<2	0.25	<0.5	1	11	4
W801406		1.48	0.002		<0.2	0.32	36	<10	120	0.5	<2	0.35	<0.5	1	12	6
W801407		1.46	0.004		<0.2	0.27	19	<10	1060	<0.5	<2	0.32	<0.5	1	14	5
W801408		1.50	0.001		<0.2	0.24	10	<10	60	<0.5	<2	0.26	<0.5	1	12	5
W801409		1.92	0.003		<0.2	0.29	18	<10	140	<0.5	<2	0.41	<0.5	1	15	9
W801410		0.10	1.060	1.15	0.3	2.91	31	<10	120	<0.5	<2	1.98	<0.5	14	109	110
W801411		1.80	0.099		<0.2	0.29	64	<10	60	0.5	<2	0.48	<0.5	1	13	5
W801412		1.60	0.002		<0.2	0.29	50	<10	40	0.5	<2	0.47	<0.5	1	11	5
W801413		2.04	0.002		<0.2	0.78	10	<10	50	0.6	<2	0.75	<0.5	7	32	8
W801414		1.76	<0.001		<0.2	0.38	5	<10	20	<0.5	<2	0.44	<0.5	1	14	6
W801415		2.06	<0.001		<0.2	0.29	12	<10	20	<0.5	<2	0.46	<0.5	1	13	8
W801416		1.62	0.001		<0.2	0.32	12	<10	10	<0.5	<2	0.35	<0.5	1	16	7
W801417		1.88	<0.001		<0.2	1.55	15	<10	90	0.7	<2	0.94	<0.5	12	164	3
W801418		1.80	0.002		<0.2	1.66	19	<10	110	0.6	<2	0.93	<0.5	10	109	4
W801419		1.86	0.002		<0.2	2.05	28	<10	260	0.6	<2	2.80	<0.5	51	87	94
W801420		0.10	0.001		<0.2	1.68	2	<10	130	<0.5	<2	0.96	<0.5	10	10	96
W801421		1.62	0.001		<0.2	1.99	10	<10	220	0.7	<2	3.11	<0.5	16	159	6
W801422		1.74	0.001		<0.2	1.79	5	<10	140	0.7	<2	1.95	<0.5	12	30	9
W801423		1.44	0.001		<0.2	2.00	16	<10	250	0.6	<2	2.85	<0.5	14	49	9
W801424		1.62	0.002		<0.2	2.18	53	<10	200	0.8	<2	2.08	<0.5	13	67	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: 3 - B  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801285		2.70	<10	<1	0.85	20	1.29	405	2	0.05	71	530	4	0.01	6	3
W801286		2.73	10	<1	0.97	10	1.64	567	1	0.03	45	620	4	0.02	8	4
W801287		2.46	<10	<1	0.60	10	1.28	413	1	0.03	62	680	3	<0.01	5	3
W801288		2.89	10	1	1.13	20	1.50	500	2	0.06	32	750	4	0.01	3	3
W801289		3.02	10	<1	1.35	10	1.65	472	2	0.04	34	570	3	0.09	<2	3
W801290		7.13	10	<1	0.59	10	2.57	1205	5	0.06	459	460	20	0.94	6	6
W801291		2.86	<10	<1	0.81	<10	1.31	457	2	0.04	46	800	3	0.48	3	3
W801292		2.65	10	<1	0.99	<10	1.68	465	1	0.05	45	750	3	0.29	<2	3
W801293		1.62	<10	1	0.61	30	0.64	318	2	0.04	13	280	2	0.01	3	1
W801294		3.06	10	<1	1.39	10	2.09	629	2	0.04	39	490	<2	0.06	6	3
W801295		2.98	10	<1	1.68	10	2.23	703	1	0.04	54	610	3	0.10	<2	4
W801296		1.65	<10	<1	0.65	10	1.06	246	2	0.03	24	530	3	0.15	<2	2
W801297		2.39	<10	<1	0.37	20	1.04	534	2	0.01	32	500	8	0.20	11	5
W801298		2.38	<10	<1	0.24	20	0.83	563	4	<0.01	21	280	18	0.09	13	2
W801299		0.89	<10	1	0.18	20	0.06	242	2	<0.01	3	80	10	0.01	11	<1
W801300		2.57	<10	<1	0.20	10	0.68	361	2	0.16	5	610	4	0.01	<2	2
W801401		0.86	<10	1	0.17	20	0.07	189	2	<0.01	3	50	10	0.07	9	<1
W801402		0.97	<10	<1	0.16	20	0.06	199	2	0.02	4	60	13	0.01	6	<1
W801403		0.82	<10	<1	0.15	20	0.04	178	2	0.01	4	60	17	0.02	12	<1
W801404		0.90	<10	<1	0.18	20	0.05	191	3	0.01	3	40	41	0.02	14	<1
W801405		0.76	<10	1	0.24	20	0.10	183	3	0.03	4	40	10	<0.01	<2	<1
W801406		0.74	<10	1	0.18	20	0.05	286	3	0.02	4	30	11	<0.01	4	<1
W801407		0.82	<10	1	0.19	20	0.07	213	4	0.04	4	40	10	0.08	<2	<1
W801408		0.73	<10	1	0.16	20	0.05	175	3	0.04	4	40	9	0.03	<2	<1
W801409		0.80	<10	<1	0.17	20	0.07	165	4	0.03	5	40	12	0.04	2	<1
W801410		2.86	10	<1	0.21	10	1.28	393	4	0.35	122	360	13	0.05	<2	3
W801411		0.86	<10	<1	0.15	20	0.05	242	4	0.02	4	40	11	0.09	4	<1
W801412		0.87	<10	<1	0.16	20	0.04	275	4	0.03	4	40	9	0.02	6	<1
W801413		1.45	<10	1	0.48	20	0.53	318	3	0.04	14	360	6	0.01	<2	1
W801414		0.82	<10	<1	0.26	30	0.07	204	6	0.05	5	90	7	0.02	<2	<1
W801415		0.65	<10	<1	0.19	20	0.03	181	4	0.05	7	50	8	0.04	<2	<1
W801416		0.76	<10	<1	0.19	20	0.06	155	4	0.06	5	50	10	0.02	2	<1
W801417		2.04	<10	1	1.09	20	1.56	331	3	0.04	116	170	5	<0.01	<2	2
W801418		2.39	10	<1	1.08	30	1.27	350	3	0.04	74	460	2	0.02	<2	2
W801419		4.31	10	<1	1.41	10	1.73	666	5	0.04	86	520	4	1.01	2	2
W801420		2.81	10	<1	0.21	10	0.74	383	2	0.18	5	650	5	0.01	<2	3
W801421		2.55	10	<1	1.46	10	1.81	629	2	0.04	70	490	4	0.04	<2	2
W801422		2.65	10	1	1.36	30	1.35	518	3	0.04	10	500	4	0.06	<2	2
W801423		3.11	10	<1	1.57	20	1.37	644	2	0.03	26	510	9	0.04	<2	3
W801424		3.28	10	<1	1.51	20	1.51	656	2	0.03	46	580	4	<0.01	6	3



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 - C  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801285		27	<20	0.16	<10	<10	41	<10
W801286		51	<20	0.20	<10	<10	50	<10
W801287		50	<20	0.16	<10	<10	34	<10
W801288		32	<20	0.18	<10	<10	44	<10
W801289		39	<20	0.19	<10	<10	53	<10
W801290		65	<20	0.09	<10	<10	77	<10
W801291		74	<20	0.25	<10	<10	49	<10
W801292		89	<20	0.22	<10	<10	51	<10
W801293		23	20	0.07	<10	<10	13	<10
W801294		35	<20	0.21	<10	<10	45	<10
W801295		99	<20	0.22	<10	<10	59	<10
W801296		73	<20	0.20	<10	<10	31	<10
W801297		249	<20	0.04	<10	<10	29	<10
W801298		172	20	<0.01	<10	<10	8	<10
W801299		25	30	<0.01	<10	<10	3	<10
W801300		68	<20	0.13	<10	<10	94	<10
W801401		51	40	<0.01	<10	<10	2	<10
W801402		27	40	<0.01	<10	<10	3	<10
W801403		16	30	<0.01	<10	<10	2	<10
W801404		24	30	<0.01	<10	10	2	<10
W801405		14	30	0.01	<10	<10	2	<10
W801406		20	40	0.01	<10	<10	3	<10
W801407		28	40	0.01	<10	10	3	10
W801408		24	30	0.01	<10	<10	2	<10
W801409		72	30	0.01	<10	<10	4	<10
W801410		91	<20	0.11	<10	<10	70	<10
W801411		17	30	<0.01	<10	10	3	<10
W801412		13	40	<0.01	<10	<10	2	<10
W801413		43	30	0.09	<10	<10	19	<10
W801414		16	40	0.01	<10	<10	3	<10
W801415		18	40	<0.01	<10	<10	1	<10
W801416		10	40	0.01	<10	<10	2	<10
W801417		25	20	0.10	<10	<10	28	<10
W801418		39	20	0.12	<10	<10	20	<10
W801419		57	<20	0.17	<10	<10	37	<10
W801420		78	<20	0.14	<10	<10	102	<10
W801421		70	<20	0.19	<10	<10	41	<10
W801422		54	20	0.16	<10	<10	32	<10
W801423		63	<20	0.20	<10	<10	44	<10
W801424		48	<20	0.16	<10	<10	43	<10



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 - A  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801425		0.94	0.001		<0.2	0.63	14	<10	60	<0.5	<2	1.23	<0.5	3	16
W801426		2.10	0.335	0.35	0.6	0.47	1475	<10	60	0.9	<2	3.39	<0.5	8	22
W801427		1.58	0.003		<0.2	2.24	56	<10	200	0.8	2	2.12	<0.5	13	69





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: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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
W801425		1.03	<10	<1	0.42	40	0.26	221	4	0.05	7	210	2	0.04	<2
W801426		2.41	<10	1	0.26	30	0.83	564	5	<0.01	20	290	17	0.09	12
W801427		3.38	10	<1	1.52	20	1.52	666	2	0.03	46	580	5	<0.01	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: 4 - C  
Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

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	Ti	U	V	W	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		1	20	0.01	10	10	1	10	2
W801425		40	30	0.04	<10	<10	6	<10	7
W801426		178	30	<0.01	<10	<10	8	<10	36
W801427		53	<20	0.16	<10	<10	45	<10	34



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: 16-AUG-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS VA18178290**

**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