



ALS Canada Ltd.

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

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Total # Pages: 4 (A - C)  
Plus Appendix Pages  
Finalized Date: 14-SEP-2018  
Account: KAMGOL

**CERTIFICATE WH18201893**

Project: Coffee

P.O. No.: KGC-18-1439

This report is for 103 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 17-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
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 WH18201893**

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
Y016498		2.27	0.005		<0.2	0.96	70	<10	150	<0.5	<2	0.15	<0.5	6	8	3
Y016499		2.11	0.007		<0.2	1.04	43	<10	160	<0.5	<2	0.17	<0.5	4	8	2
Y016500		0.06	<0.001		0.2	1.70	<2	<10	130	<0.5	<2	1.00	<0.5	9	10	97
Y016501		1.94	0.009		<0.2	0.85	85	<10	130	0.5	<2	0.17	<0.5	4	9	4
Y016502		2.29	0.003		<0.2	0.73	45	<10	350	0.5	<2	0.18	<0.5	4	9	4
Y016503		2.42	0.003		<0.2	0.92	33	<10	130	<0.5	<2	0.18	<0.5	4	10	1
Y016504		2.23	0.002		<0.2	1.03	21	<10	130	<0.5	<2	0.21	<0.5	4	10	2
Y016505		2.30	0.006		<0.2	1.00	48	<10	280	<0.5	<2	0.22	<0.5	5	11	2
Y016506		2.41	0.014		<0.2	1.15	31	<10	120	<0.5	<2	0.29	<0.5	6	12	3
Y016507		2.34	0.006		<0.2	1.11	56	<10	110	<0.5	<2	0.24	<0.5	5	12	2
Y016508		2.50	0.005		<0.2	1.19	32	<10	120	<0.5	2	0.25	<0.5	5	14	2
Y016509		2.61	0.002		<0.2	1.09	59	<10	130	<0.5	<2	0.23	<0.5	4	12	1
Y016510		0.06	9.25	5.04	6.1	1.79	37	10	170	<0.5	3	1.08	3.3	14	31	1755
Y016511		2.14	0.008		<0.2	0.91	52	<10	210	<0.5	<2	0.23	<0.5	4	9	5
Y016512		2.34	0.007		<0.2	0.82	59	<10	180	<0.5	2	0.20	<0.5	4	8	4
Y016513		2.29	0.009		<0.2	0.84	59	<10	90	<0.5	<2	0.20	<0.5	3	10	3
Y016514		2.37	0.005		<0.2	0.88	43	<10	70	<0.5	<2	0.21	<0.5	4	9	2
Y016515		2.16	0.003		<0.2	0.72	36	<10	60	<0.5	<2	0.19	<0.5	3	8	3
Y016516		1.85	0.003		<0.2	0.87	61	<10	110	<0.5	<2	0.22	<0.5	5	26	3
Y016517		2.21	0.006		<0.2	0.64	61	<10	130	<0.5	3	0.12	<0.5	2	7	4
Y016518		2.08	0.021		<0.2	0.63	194	<10	120	<0.5	5	0.09	<0.5	3	7	3
Y016519		2.58	0.001		<0.2	0.71	19	<10	70	<0.5	<2	0.20	<0.5	3	6	3
Y016520		0.06	0.001		<0.2	1.48	2	<10	120	<0.5	<2	0.87	<0.5	9	10	90
Y016521		1.90	<0.001		<0.2	0.78	10	<10	70	<0.5	<2	0.23	<0.5	5	8	5
Y016522		2.19	0.002		<0.2	0.58	45	<10	70	<0.5	<2	0.14	<0.5	5	8	3
Y016523		1.91	<0.001		<0.2	0.85	14	<10	90	<0.5	<2	0.27	<0.5	3	10	14
Y016524		2.17	0.001		<0.2	0.91	51	<10	120	<0.5	<2	0.24	<0.5	5	12	9
Y016525		2.58	0.007		<0.2	0.64	83	<10	100	0.6	2	0.14	<0.5	4	7	5
Y016526		2.23	0.002		<0.2	0.31	35	<10	60	<0.5	<2	0.07	<0.5	2	7	3
Y016527		2.40	0.010		<0.2	0.42	37	<10	70	<0.5	<2	0.09	<0.5	1	8	6
Y016528		2.03	0.002		<0.2	0.24	26	<10	40	<0.5	<2	0.05	<0.5	1	6	5
Y016529		2.53	0.009		<0.2	0.86	23	<10	170	<0.5	<2	0.21	<0.5	7	8	4
Y016530		0.06	0.133		<0.2	0.72	78	10	270	0.5	<2	13.2	0.9	5	17	10
Y016531		1.91	0.007		<0.2	0.79	27	<10	170	<0.5	<2	0.15	<0.5	3	7	3
Y016532		2.43	0.054		<0.2	0.59	102	<10	200	<0.5	<2	0.12	<0.5	3	11	5
Y016533		2.79	0.022		<0.2	0.63	71	<10	180	<0.5	<2	0.09	<0.5	2	9	5
Y016534		2.26	0.002		<0.2	0.72	34	<10	120	<0.5	<2	0.14	<0.5	3	10	6
Y016535		2.28	0.012		<0.2	0.71	79	<10	120	<0.5	<2	0.15	<0.5	9	9	4
Y016536		2.39	0.014		<0.2	0.77	114	<10	150	<0.5	<2	0.17	<0.5	7	12	11
Y016537		0.99	0.011		<0.2	0.43	107	<10	60	<0.5	<2	0.05	<0.5	2	11	4



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**CERTIFICATE OF ANALYSIS WH18201893**

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
Y016498		1.98	<10	<1	0.55	40	0.35	408	1	0.03	5	390	3	<0.01	13	2
Y016499		1.88	<10	<1	0.66	50	0.37	374	<1	0.04	5	440	3	<0.01	6	2
Y016500		2.87	10	<1	0.22	10	0.75	402	2	0.18	5	670	3	0.01	<2	3
Y016501		2.11	10	<1	0.50	40	0.36	307	1	0.03	4	420	4	<0.01	11	2
Y016502		1.80	<10	<1	0.48	40	0.35	325	1	0.04	5	430	2	0.01	3	2
Y016503		1.73	<10	<1	0.62	50	0.40	311	1	0.03	6	400	3	<0.01	2	2
Y016504		1.96	<10	<1	0.68	50	0.40	303	<1	0.04	6	380	3	<0.01	2	1
Y016505		2.01	<10	<1	0.66	60	0.41	343	1	0.04	7	400	4	0.01	6	2
Y016506		2.07	<10	<1	0.73	50	0.42	250	<1	0.05	8	440	4	<0.01	3	2
Y016507		2.06	10	<1	0.75	60	0.53	329	1	0.03	8	430	2	<0.01	5	2
Y016508		2.15	10	<1	0.81	60	0.50	345	<1	0.05	9	420	3	<0.01	4	2
Y016509		2.10	10	<1	0.52	50	0.46	404	<1	0.03	8	420	<2	<0.01	6	2
Y016510		3.71	10	<1	0.23	10	0.91	608	24	0.20	167	560	310	0.43	4	3
Y016511		2.13	10	<1	0.62	50	0.44	309	1	0.04	4	370	4	<0.01	6	2
Y016512		1.84	<10	<1	0.45	50	0.37	251	1	0.03	4	350	3	<0.01	6	1
Y016513		1.74	<10	<1	0.52	50	0.35	241	1	0.04	5	360	3	<0.01	4	1
Y016514		1.75	<10	<1	0.53	50	0.40	246	<1	0.03	5	370	3	<0.01	3	1
Y016515		1.56	<10	<1	0.32	50	0.27	225	1	0.03	5	320	6	<0.01	3	1
Y016516		1.87	<10	<1	0.49	50	0.41	272	1	0.05	10	420	5	<0.01	4	2
Y016517		1.57	<10	<1	0.37	30	0.24	151	1	0.03	4	330	5	0.03	6	1
Y016518		2.63	<10	<1	0.36	60	0.21	113	3	0.04	4	320	3	0.05	41	2
Y016519		1.64	<10	<1	0.32	30	0.26	178	1	0.03	4	340	4	<0.01	3	1
Y016520		2.64	<10	<1	0.19	10	0.72	372	2	0.15	4	620	3	<0.01	<2	2
Y016521		1.88	<10	<1	0.36	50	0.27	215	1	0.05	4	350	5	0.20	3	1
Y016522		1.46	<10	<1	0.29	60	0.28	191	2	0.04	4	340	3	0.01	5	1
Y016523		1.85	10	<1	0.51	50	0.36	297	1	0.05	5	360	5	<0.01	3	1
Y016524		1.88	<10	<1	0.53	50	0.44	340	1	0.03	6	350	4	0.01	3	2
Y016525		1.74	<10	<1	0.35	50	0.16	224	1	0.03	4	340	13	<0.01	7	2
Y016526		0.83	<10	<1	0.18	20	0.07	121	1	0.02	1	80	<2	0.01	8	<1
Y016527		1.15	<10	<1	0.25	20	0.13	146	1	0.04	2	90	4	<0.01	10	<1
Y016528		0.76	<10	<1	0.14	20	0.06	139	1	0.03	1	70	2	<0.01	7	<1
Y016529		1.88	<10	<1	0.56	60	0.35	445	1	0.04	6	360	3	0.01	9	2
Y016530		1.02	<10	<1	0.38	10	3.52	224	4	0.03	20	270	10	0.02	22	3
Y016531		1.58	<10	<1	0.50	50	0.29	189	2	0.03	3	370	4	<0.01	10	1
Y016532		2.12	<10	<1	0.36	50	0.25	125	1	0.02	4	330	9	0.02	41	2
Y016533		1.99	<10	<1	0.42	40	0.29	109	2	0.03	4	300	6	0.16	39	2
Y016534		2.06	<10	<1	0.43	30	0.28	132	2	0.04	3	360	3	0.10	12	2
Y016535		1.99	<10	<1	0.39	80	0.29	324	3	0.03	9	430	3	0.08	22	1
Y016536		2.00	<10	<1	0.46	50	0.38	334	2	0.04	31	430	4	<0.01	22	2
Y016537		1.58	<10	<1	0.26	40	0.23	78	2	0.03	7	240	3	0.02	12	1



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**CERTIFICATE OF ANALYSIS WH18201893**

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
Y016498		14	30	0.06	<10	<10	12	<10
Y016499		14	30	0.07	<10	<10	9	<10
Y016500		81	<20	0.14	<10	<10	102	<10
Y016501		25	30	0.05	<10	<10	18	<10
Y016502		23	30	0.06	<10	<10	23	<10
Y016503		18	30	0.08	<10	<10	15	<10
Y016504		18	20	0.09	<10	<10	11	<10
Y016505		21	30	0.11	<10	<10	12	<10
Y016506		30	30	0.12	<10	<10	12	<10
Y016507		23	20	0.11	<10	<10	16	<10
Y016508		23	20	0.12	<10	<10	14	<10
Y016509		20	20	0.07	<10	<10	13	<10
Y016510		81	<20	0.14	<10	<10	94	<10
Y016511		26	30	0.11	<10	<10	17	<10
Y016512		20	30	0.08	<10	<10	10	<10
Y016513		18	20	0.08	<10	<10	10	<10
Y016514		20	30	0.08	<10	<10	10	<10
Y016515		19	20	0.05	<10	<10	7	<10
Y016516		18	30	0.08	<10	<10	10	<10
Y016517		37	30	0.05	<10	<10	7	<10
Y016518		28	30	0.02	<10	<10	8	<10
Y016519		82	30	0.05	<10	<10	8	<10
Y016520		67	<20	0.12	<10	<10	95	<10
Y016521		76	20	0.05	<10	<10	8	<10
Y016522		24	30	0.03	<10	<10	7	<10
Y016523		42	30	0.09	<10	<10	12	<10
Y016524		22	30	0.08	<10	<10	12	<10
Y016525		16	30	0.03	<10	<10	7	<10
Y016526		9	40	0.01	<10	<10	3	<10
Y016527		11	40	0.01	<10	<10	3	<10
Y016528		21	40	0.01	<10	<10	2	<10
Y016529		24	30	0.08	<10	<10	10	<10
Y016530		154	<20	0.02	<10	<10	52	<10
Y016531		23	30	0.10	<10	<10	9	<10
Y016532		168	30	0.09	<10	<10	15	<10
Y016533		52	30	0.11	<10	<10	11	<10
Y016534		23	20	0.12	<10	<10	11	<10
Y016535		12	30	0.05	<10	<10	9	<10
Y016536		16	30	0.06	<10	<10	11	<10
Y016537		11	30	0.02	<10	<10	6	<10



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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
Y016538		1.05	0.009		<0.2	0.47	101	<10	80	<0.5	<2	0.05	<0.5	2	12	3
Y016539		2.09	0.006		<0.2	0.47	69	<10	60	<0.5	<2	0.08	<0.5	3	7	3
Y016540		0.06	0.001		<0.2	1.51	<2	<10	120	<0.5	<2	0.88	<0.5	8	9	88
Y016541		2.45	0.018		<0.2	0.66	94	<10	110	<0.5	<2	0.19	<0.5	5	18	9
Y016542		2.52	0.015		<0.2	0.54	79	<10	150	<0.5	<2	0.15	<0.5	4	7	8
Y016543		2.59	0.002		<0.2	1.07	52	<10	100	0.5	2	0.29	<0.5	9	12	13
Y016544		1.64	0.001		<0.2	0.72	41	<10	80	<0.5	3	0.15	<0.5	4	7	10
Y016545		2.57	0.008		<0.2	0.77	91	<10	90	<0.5	2	0.18	<0.5	5	8	11
Y016546		2.11	0.010		<0.2	0.67	125	<10	120	<0.5	<2	0.17	<0.5	6	16	18
Y016547		2.46	0.004		<0.2	0.40	33	<10	100	<0.5	2	0.11	<0.5	2	9	5
Y016548		2.22	0.001		<0.2	0.65	23	<10	110	<0.5	2	0.16	<0.5	6	10	21
Y016549		2.32	0.004		<0.2	1.31	59	<10	130	0.7	<2	0.24	<0.5	9	14	15
Y016550		0.06	3.22	2.95	0.7	2.55	160	10	180	<0.5	<2	1.87	0.5	27	445	85
Y016551		2.35	0.001		<0.2	0.62	14	<10	90	<0.5	<2	0.31	<0.5	4	9	6
Y016552		1.79	<0.001		<0.2	0.87	10	<10	100	<0.5	2	0.53	<0.5	5	11	8
Y016553		2.13	0.001		<0.2	0.60	21	<10	50	<0.5	<2	0.22	<0.5	4	10	4
Y016554		2.51	0.001		<0.2	0.56	8	<10	150	<0.5	<2	0.31	<0.5	3	11	3
Y016555		1.87	0.001		<0.2	0.46	5	<10	50	<0.5	<2	0.22	<0.5	3	9	3
Y016556		2.42	0.012		<0.2	0.75	35	<10	120	0.5	2	0.22	<0.5	5	50	6
Y016557		2.05	0.011		<0.2	2.14	51	<10	490	0.6	<2	3.04	<0.5	19	234	12
Y016558		2.33	0.055		<0.2	2.76	119	<10	1420	0.7	<2	0.86	<0.5	22	246	24
Y016559		2.48	0.006		<0.2	1.03	24	<10	190	<0.5	<2	0.84	<0.5	6	43	5
Y016560		0.06	0.002		<0.2	1.55	2	<10	130	<0.5	<2	0.91	<0.5	8	10	90
Y016561		2.74	0.013		<0.2	1.75	18	<10	570	<0.5	<2	0.91	<0.5	17	82	19
Y016562		2.34	<0.001		<0.2	1.44	43	<10	90	0.7	<2	2.28	<0.5	10	70	3
Y016563		1.40	<0.001		<0.2	2.30	53	<10	30	1.2	<2	3.61	<0.5	29	1005	1
Y016564		1.00	<0.001		<0.2	0.87	50	<10	60	0.7	<2	2.42	<0.5	9	36	3
Y016565		2.20	<0.001		<0.2	1.74	16	<10	130	1.0	<2	3.72	<0.5	11	57	7
Y016566		1.59	0.004		<0.2	1.53	545	<10	140	1.5	<2	1.27	<0.5	17	41	13
Y016567		1.21	0.009		<0.2	1.04	547	<10	70	1.2	<2	2.47	<0.5	20	12	17
Y016568		1.40	0.001		<0.2	1.61	31	<10	320	1.4	<2	9.5	<0.5	20	5	21
Y016569		1.89	<0.001		<0.2	3.37	6	<10	590	1.3	<2	6.02	<0.5	20	9	23
Y016570		0.06	1.085	0.98	<0.2	3.07	29	10	120	<0.5	<2	2.14	<0.5	14	116	116
Y016571		2.22	<0.001		<0.2	5.10	6	<10	660	<0.5	<2	4.90	<0.5	29	8	30
Y016572		2.22	0.181		<0.2	3.99	725	<10	530	1.0	<2	4.83	<0.5	25	6	34
Y016573		1.74	0.002		<0.2	1.81	50	<10	100	0.5	<2	1.74	<0.5	10	10	3
Y016574		1.39	<0.001		<0.2	1.82	13	<10	110	<0.5	<2	1.78	<0.5	10	12	3
Y016575		1.97	<0.001		<0.2	3.24	58	<10	210	1.0	<2	2.78	<0.5	34	761	2
Y016576		2.15	<0.001		<0.2	2.89	7	<10	400	0.8	<2	2.10	<0.5	21	74	6
Y016577		2.50	<0.001		<0.2	3.20	3	<10	740	0.8	2	2.74	<0.5	22	45	7



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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
Y016538		1.77	<10	<1	0.29	40	0.25	100	2	0.04	7	240	3	0.04	11	1
Y016539		1.19	<10	<1	0.28	40	0.20	199	1	0.03	8	240	3	<0.01	12	1
Y016540		2.65	<10	<1	0.20	10	0.72	373	2	0.16	5	620	4	<0.01	<2	2
Y016541		1.89	<10	<1	0.44	50	0.38	296	1	0.04	11	390	6	<0.01	10	2
Y016542		1.62	<10	<1	0.34	40	0.29	216	3	0.04	7	320	6	0.13	16	1
Y016543		2.08	<10	<1	0.51	40	0.66	311	2	0.04	12	420	4	0.17	8	2
Y016544		1.65	<10	<1	0.45	50	0.30	200	4	0.03	5	370	3	0.01	14	1
Y016545		1.70	<10	<1	0.45	50	0.35	247	1	0.04	9	400	3	<0.01	29	1
Y016546		1.86	<10	<1	0.27	40	0.39	189	2	0.04	57	350	5	<0.01	24	1
Y016547		1.34	<10	<1	0.19	40	0.16	132	2	0.05	6	240	6	0.35	8	1
Y016548		1.75	<10	<1	0.41	30	0.33	260	2	0.04	3	310	47	0.22	8	1
Y016549		2.69	10	<1	0.91	50	0.84	431	2	0.05	5	690	7	0.09	16	4
Y016550		5.12	10	<1	0.53	10	2.24	862	5	0.17	240	370	20	0.35	<2	5
Y016551		1.53	<10	<1	0.36	60	0.32	192	2	0.04	3	340	6	0.22	4	1
Y016552		1.92	<10	<1	0.57	60	0.43	283	2	0.06	4	390	5	0.19	<2	2
Y016553		1.29	<10	<1	0.39	50	0.40	200	1	0.05	3	370	4	0.04	<2	2
Y016554		1.17	<10	<1	0.35	40	0.34	194	2	0.07	3	320	5	0.03	<2	1
Y016555		0.81	<10	<1	0.29	40	0.32	162	1	0.04	4	290	3	<0.01	<2	1
Y016556		1.65	<10	<1	0.51	40	0.55	293	1	0.05	14	320	6	<0.01	5	2
Y016557		3.44	10	<1	1.60	10	1.93	825	1	0.04	73	410	9	0.01	6	4
Y016558		4.67	10	<1	1.84	10	2.78	922	1	0.04	97	580	13	<0.01	25	9
Y016559		1.55	<10	<1	0.65	30	0.79	360	<1	0.04	15	340	7	<0.01	5	2
Y016560		2.70	<10	<1	0.20	10	0.73	377	2	0.16	5	620	2	<0.01	<2	2
Y016561		2.55	<10	<1	0.94	10	1.59	332	1	0.05	35	730	34	0.04	4	2
Y016562		2.07	<10	<1	0.59	20	1.10	648	1	0.03	45	500	2	<0.01	13	3
Y016563		2.42	10	<1	0.42	20	4.20	483	2	0.01	619	150	<2	<0.01	8	2
Y016564		2.14	<10	<1	0.52	40	0.55	488	4	0.03	42	440	2	<0.01	13	3
Y016565		2.77	10	<1	1.02	20	1.05	705	2	0.01	44	580	3	<0.01	5	4
Y016566		3.67	10	<1	0.75	30	0.58	372	2	0.01	36	810	10	<0.01	354	9
Y016567		3.87	<10	<1	0.30	30	0.32	507	4	<0.01	18	770	15	<0.01	309	9
Y016568		5.41	10	<1	0.80	20	0.86	995	3	0.01	13	1310	9	<0.01	24	20
Y016569		5.01	10	<1	1.16	10	1.99	748	1	0.02	14	1510	5	<0.01	9	20
Y016570		3.01	10	<1	0.22	10	1.38	420	4	0.37	127	370	11	0.04	<2	3
Y016571		5.73	10	<1	1.20	10	2.48	889	<1	0.29	15	1420	7	0.16	<2	11
Y016572		5.26	10	<1	1.21	20	1.82	895	1	0.22	9	1300	9	0.07	15	12
Y016573		2.84	10	<1	1.07	30	1.24	535	1	0.03	3	490	4	<0.01	5	4
Y016574		2.88	10	<1	1.22	40	1.26	545	1	0.04	2	480	5	0.03	4	3
Y016575		2.91	10	<1	2.22	20	5.19	478	3	0.02	610	230	<2	<0.01	4	4
Y016576		3.95	10	<1	2.30	20	2.60	629	1	0.04	51	740	4	0.14	3	7
Y016577		4.44	10	<1	2.35	10	2.74	889	1	0.03	24	860	4	0.16	<2	9



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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
Y016538		11	30	0.02	<10	<10	6	<10
Y016539		10	30	0.02	<10	<10	6	<10
Y016540		69	<20	0.12	<10	<10	95	<10
Y016541		99	30	0.08	<10	<10	18	<10
Y016542		25	30	0.05	<10	<10	8	<10
Y016543		19	30	0.09	<10	<10	15	<10
Y016544		12	30	0.06	<10	<10	7	<10
Y016545		15	30	0.06	<10	<10	9	<10
Y016546		17	30	0.03	<10	<10	12	<10
Y016547		12	30	0.03	<10	<10	3	<10
Y016548		44	30	0.06	<10	<10	17	<10
Y016549		25	30	0.11	<10	<10	35	<10
Y016550		95	<20	0.12	10	<10	76	<10
Y016551		34	30	0.07	<10	<10	8	<10
Y016552		32	30	0.11	<10	<10	11	<10
Y016553		27	30	0.07	<10	<10	14	<10
Y016554		45	30	0.06	<10	<10	12	<10
Y016555		26	30	0.07	<10	<10	10	<10
Y016556		45	30	0.09	<10	<10	23	<10
Y016557		79	<20	0.19	<10	<10	63	<10
Y016558		94	<20	0.25	<10	<10	111	<10
Y016559		46	20	0.10	<10	<10	19	<10
Y016560		72	<20	0.13	<10	<10	97	<10
Y016561		67	<20	0.25	<10	<10	42	<10
Y016562		67	<20	0.14	<10	<10	24	<10
Y016563		59	<20	0.07	<10	<10	27	<10
Y016564		62	20	0.04	<10	<10	37	<10
Y016565		129	<20	0.13	<10	<10	43	<10
Y016566		27	<20	0.05	<10	<10	56	<10
Y016567		32	20	0.02	<10	<10	50	<10
Y016568		100	<20	0.08	<10	10	169	<10
Y016569		92	<20	0.13	<10	<10	205	<10
Y016570		97	<20	0.11	<10	<10	73	<10
Y016571		287	<20	0.22	<10	<10	190	<10
Y016572		221	<20	0.16	<10	<10	144	<10
Y016573		46	20	0.11	<10	<10	32	<10
Y016574		65	20	0.13	<10	<10	33	<10
Y016575		77	<20	0.13	<10	<10	40	<10
Y016576		49	<20	0.21	<10	<10	81	<10
Y016577		79	<20	0.23	<10	<10	91	<10



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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
Y016578		1.26	<0.001		<0.2	1.84	6	<10	320	0.8	<2	3.78	<0.5	13	90	6
Y016579		2.22	0.005		<0.2	2.09	128	<10	230	1.4	<2	3.72	<0.5	15	186	4
Y016580		0.06	0.007		<0.2	1.60	<2	<10	130	<0.5	<2	0.95	<0.5	8	10	92
Y016581		1.22	<0.001		<0.2	0.36	58	<10	30	<0.5	<2	0.23	<0.5	1	5	3
Y016582		2.39	<0.001		<0.2	0.63	76	<10	30	0.5	<2	1.02	<0.5	4	13	10
Y016583		0.91	<0.001		<0.2	0.35	47	<10	20	<0.5	<2	0.62	<0.5	1	4	3
Y016584		0.83	0.001		<0.2	0.39	59	<10	30	<0.5	<2	0.69	<0.5	1	4	1
Y016585		2.13	0.002		<0.2	0.69	85	<10	80	0.6	<2	0.80	<0.5	4	8	4
Y016586		2.19	0.001		<0.2	1.45	433	<10	310	1.0	<2	1.67	<0.5	12	19	8
Y016587		2.29	0.001		<0.2	1.90	174	<10	440	0.6	<2	1.56	<0.5	12	34	2
Y016588		2.30	<0.001		<0.2	1.39	152	<10	260	<0.5	<2	1.01	<0.5	8	46	1
Y016589		2.52	<0.001		<0.2	1.69	20	<10	240	0.6	4	1.45	<0.5	11	36	4
Y016590		0.06	9.17	4.74	5.9	1.75	38	<10	170	<0.5	<2	1.05	3.2	14	30	1690
Y016591		2.45	<0.001		<0.2	2.51	48	<10	360	0.6	2	1.07	<0.5	16	77	6
Y016592		2.69	<0.001		<0.2	2.08	5	<10	780	1.1	2	2.02	<0.5	15	58	6
Y016593		2.16	<0.001		<0.2	2.36	6	<10	400	0.6	<2	1.60	<0.5	17	79	17
Y016594		1.35	<0.001		<0.2	2.33	7	<10	1090	0.7	<2	1.52	<0.5	19	115	22
Y016595		1.50	<0.001		<0.2	2.06	27	<10	590	0.8	<2	1.59	<0.5	30	106	40
Y016596		2.48	2.32	1.77	0.9	1.21	4970	<10	140	1.9	2	0.40	<0.5	16	43	31
Y016597		2.62	<0.001		<0.2	3.07	108	<10	410	1.0	2	1.18	<0.5	19	88	7
Y016598		2.64	<0.001		<0.2	2.48	42	<10	240	0.8	<2	1.31	<0.5	15	71	5
Y016599		2.26	<0.001		<0.2	2.46	23	<10	390	<0.5	<2	0.87	<0.5	16	81	15
Y016600		Listed, NR														





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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
Y016578		2.73	<10	<1	1.30	30	1.87	575	<1	0.02	28	650	4	0.06	3
Y016579		3.29	10	<1	1.21	30	1.40	912	1	0.02	45	500	9	<0.01	36
Y016580		2.75	<10	<1	0.21	10	0.74	391	2	0.17	5	640	2	<0.01	<2
Y016581		0.50	<10	<1	0.13	20	0.03	110	<1	<0.01	1	60	9	<0.01	12
Y016582		0.93	<10	<1	0.23	30	0.22	162	<1	<0.01	7	210	5	0.02	10
Y016583		0.63	<10	<1	0.11	30	0.06	146	1	<0.01	1	90	4	<0.01	8
Y016584		0.58	<10	<1	0.12	30	0.05	146	1	<0.01	<1	100	5	0.01	8
Y016585		1.26	<10	<1	0.34	30	0.29	280	1	0.01	3	260	5	0.03	21
Y016586		2.78	10	<1	1.06	30	0.99	622	1	0.03	14	750	6	0.20	33
Y016587		3.19	10	<1	1.30	30	1.25	836	1	0.03	24	480	4	0.02	15
Y016588		2.38	10	<1	1.03	30	1.01	526	1	0.04	27	390	2	0.07	2
Y016589		2.95	10	<1	1.17	40	1.13	520	3	0.04	24	440	5	0.05	6
Y016590		3.64	<10	<1	0.23	10	0.89	587	24	0.20	162	540	305	0.41	6
Y016591		4.01	10	<1	1.67	30	1.65	556	3	0.03	47	470	3	<0.01	12
Y016592		4.38	10	<1	1.48	20	1.55	709	4	0.02	41	510	3	0.25	2
Y016593		4.07	10	<1	1.74	20	1.77	601	5	0.03	50	540	4	0.31	<2
Y016594		3.39	10	<1	1.84	10	2.32	528	2	0.04	83	530	3	0.20	2
Y016595		2.99	<10	<1	1.24	<10	2.11	478	1	0.05	86	990	<2	0.19	3
Y016596		5.12	<10	1	0.64	30	0.39	195	4	0.03	56	610	12	0.66	116
Y016597		4.53	10	1	1.96	20	1.96	500	4	0.03	56	530	3	0.02	22
Y016598		3.99	10	<1	1.38	30	1.55	427	5	0.05	44	370	<2	0.05	11
Y016599		3.67	10	<1	1.71	20	1.79	501	2	0.04	51	710	3	0.08	2
Y016600															



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**CERTIFICATE OF ANALYSIS WH18201893**

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
Y016578		91	20	0.11	<10	<10	49	<10
Y016579		86	20	0.09	<10	<10	53	<10
Y016580		74	<20	0.14	<10	<10	99	<10
Y016581		15	40	<0.01	<10	<10	2	<10
Y016582		25	30	0.01	<10	<10	11	<10
Y016583		19	40	<0.01	<10	<10	1	<10
Y016584		23	40	<0.01	<10	<10	1	<10
Y016585		35	30	0.03	<10	<10	18	<10
Y016586		90	20	0.13	<10	<10	52	<10
Y016587		76	<20	0.15	<10	<10	40	<10
Y016588		44	<20	0.12	<10	<10	37	<10
Y016589		53	<20	0.13	<10	<10	34	<10
Y016590		79	<20	0.13	<10	<10	92	<10
Y016591		40	<20	0.19	<10	<10	61	<10
Y016592		137	<20	0.17	<10	<10	67	<10
Y016593		45	<20	0.20	<10	<10	60	<10
Y016594		73	<20	0.20	<10	<10	66	<10
Y016595		56	<20	0.21	<10	<10	59	<10
Y016596		164	<20	0.02	<10	10	35	<10
Y016597		34	<20	0.20	<10	<10	85	<10
Y016598		48	<20	0.14	<10	<10	62	<10
Y016599		30	<20	0.21	<10	<10	64	<10
Y016600								



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To: GOLDCORP KAMINAK LTD  
SUITE 3400 - 666 BURNARD STREET  
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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 14-SEP-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18201893**

**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-23	PUL-32m	PUL-QC
	WEI-21		
			LOG-21
			SPL-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA13	Au-ICP21	ME-ICP41