



ALS Canada Ltd.

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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-OCT-2018
Account: KAMGOL

CERTIFICATE WH18232654

Project: Coffee

P.O. No.: KGC-18-1558

This report is for 89 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19-SEP-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 WH18232654

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
Y420192		2.39	<0.001		<0.2	1.12	38	<10	110	0.7	<2	0.23	<0.5	7	55	5
Y420193		1.96	0.001		<0.2	1.09	15	<10	80	0.7	2	0.26	<0.5	6	63	4
Y420194		2.20	<0.001		<0.2	0.90	13	<10	80	<0.5	<2	0.15	<0.5	4	7	2
Y420195		2.17	0.005		<0.2	0.57	23	<10	60	<0.5	<2	0.11	<0.5	4	7	3
Y420196		1.89	0.001		<0.2	0.69	11	<10	70	<0.5	<2	0.12	<0.5	4	5	2
Y420197		1.65	<0.001		<0.2	0.74	9	<10	120	<0.5	<2	0.13	<0.5	4	5	3
Y420198		2.11	<0.001		<0.2	0.72	31	<10	140	<0.5	2	0.12	<0.5	5	7	3
Y420199		1.84	<0.001		<0.2	0.58	13	<10	170	<0.5	<2	0.07	<0.5	2	5	2
Y420200		0.06	<0.001		<0.2	1.69	3	<10	140	<0.5	<2	0.94	<0.5	9	24	98
Y420201		2.05	<0.001		<0.2	0.74	25	<10	80	0.5	<2	0.11	<0.5	5	5	7
Y420202		1.79	<0.001		<0.2	0.88	14	<10	60	0.5	<2	0.10	<0.5	4	4	3
Y420203		1.98	<0.001		<0.2	0.70	13	<10	90	<0.5	<2	0.13	<0.5	5	5	3
Y420204		2.13	<0.001		<0.2	0.72	5	<10	50	<0.5	<2	0.09	<0.5	3	6	3
Y420205		2.43	<0.001		<0.2	0.73	5	<10	50	<0.5	<2	0.13	<0.5	3	5	6
Y420206		2.04	<0.001		<0.2	0.42	18	<10	40	<0.5	2	0.05	<0.5	2	4	4
Y420207		2.35	0.007		<0.2	0.56	19	<10	60	0.6	2	0.09	<0.5	7	9	12
Y420208		1.90	0.004		<0.2	0.94	34	<10	370	0.8	<2	0.14	<0.5	7	6	6
Y420209		2.12	<0.001		<0.2	0.72	8	<10	340	0.6	2	0.18	<0.5	4	7	6
Y420210		0.06	8.83	5.02	6.5	1.79	38	<10	170	<0.5	<2	1.04	3.2	14	31	1790
Y420211		2.49	0.001		<0.2	0.61	23	<10	170	0.5	<2	0.14	<0.5	5	5	4
Y420212		2.26	<0.001		<0.2	0.61	16	<10	70	<0.5	<2	0.15	<0.5	6	5	2
Y420213		2.33	<0.001		<0.2	0.56	9	<10	70	<0.5	2	0.14	<0.5	4	6	1
Y420214		2.37	<0.001		<0.2	0.69	11	<10	60	<0.5	3	0.14	<0.5	3	7	3
Y420215		2.09	<0.001		<0.2	0.70	16	<10	60	<0.5	2	0.12	<0.5	2	8	5
Y420216		2.30	<0.001		<0.2	0.90	6	<10	60	<0.5	<2	0.19	<0.5	4	8	2
Y420217		2.40	<0.001		<0.2	0.80	47	<10	60	<0.5	<2	0.14	<0.5	5	6	2
Y420218		2.39	<0.001		<0.2	0.64	21	<10	60	<0.5	3	0.11	<0.5	6	5	2
Y420219		2.02	<0.001		<0.2	0.81	17	<10	60	<0.5	<2	0.17	<0.5	5	6	2
Y420220		0.06	0.001		<0.2	1.69	2	<10	140	<0.5	2	0.94	<0.5	9	23	95
Y420221		2.33	<0.001		<0.2	0.58	8	<10	50	<0.5	<2	0.12	<0.5	2	6	2
Y420222		2.54	<0.001		<0.2	0.33	11	<10	30	<0.5	<2	0.05	<0.5	3	5	4
Y420223		2.15	<0.001		<0.2	0.23	8	<10	20	<0.5	<2	0.02	<0.5	1	4	4
Y420224		2.30	<0.001		<0.2	0.23	5	<10	20	<0.5	<2	0.02	<0.5	1	5	3
Y420225		2.44	<0.001		<0.2	0.69	11	<10	30	0.5	2	0.11	<0.5	4	22	5
Y420226		1.04	<0.001		<0.2	0.83	10	<10	50	0.7	<2	0.26	<0.5	5	93	2
Y420227		1.01	<0.001		<0.2	1.02	9	<10	60	0.9	<2	0.32	<0.5	7	119	3
Y420228		2.35	<0.001		<0.2	0.25	4	<10	20	<0.5	2	0.35	0.6	1	5	4
Y420229		2.95	<0.001		<0.2	0.28	4	<10	10	<0.5	<2	0.05	<0.5	1	6	6
Y420230		0.06	3.76	3.36	0.6	1.54	256	10	60	<0.5	2	0.93	<0.5	8	34	71
Y420231		2.11	0.001		<0.2	0.26	7	<10	10	<0.5	<2	0.09	<0.5	1	5	6



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CERTIFICATE OF ANALYSIS WH18232654

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
Y420192		2.23	10	<1	0.63	60	0.61	353	1	0.04	19	660	5	<0.01	<2	3
Y420193		1.96	10	<1	0.72	50	0.63	251	<1	0.04	18	740	3	<0.01	<2	3
Y420194		1.82	<10	<1	0.59	50	0.32	258	<1	0.05	5	430	4	<0.01	<2	2
Y420195		1.50	<10	<1	0.33	50	0.17	177	1	0.05	4	400	4	<0.01	<2	1
Y420196		1.62	<10	<1	0.40	20	0.21	158	2	0.03	3	400	<2	0.01	<2	1
Y420197		1.62	<10	<1	0.41	20	0.22	113	1	0.03	3	370	3	0.02	<2	2
Y420198		1.95	<10	<1	0.39	50	0.26	150	2	0.03	4	400	4	0.11	<2	2
Y420199		1.61	<10	<1	0.28	50	0.13	105	2	0.03	3	340	3	0.26	<2	1
Y420200		3.40	<10	<1	0.23	10	0.76	440	5	0.19	11	550	2	0.02	<2	3
Y420201		1.78	<10	<1	0.38	50	0.19	180	2	0.03	4	400	2	0.01	<2	1
Y420202		2.08	<10	<1	0.42	60	0.23	121	4	0.03	5	350	3	0.01	<2	2
Y420203		1.81	<10	<1	0.37	40	0.19	153	3	0.03	4	370	<2	0.24	<2	1
Y420204		1.72	<10	<1	0.42	60	0.26	97	2	0.03	5	280	2	0.28	<2	2
Y420205		1.80	<10	<1	0.42	60	0.26	139	2	0.03	5	320	3	0.09	<2	2
Y420206		1.65	<10	<1	0.21	50	0.09	60	2	0.04	3	280	<2	0.25	<2	1
Y420207		1.72	<10	<1	0.22	40	0.11	195	2	0.03	36	370	4	0.01	5	2
Y420208		2.17	<10	<1	0.36	30	0.18	248	2	0.01	10	460	5	0.01	<2	3
Y420209		1.77	<10	<1	0.30	40	0.21	200	1	0.03	3	350	6	0.01	4	2
Y420210		3.77	<10	<1	0.23	10	0.89	586	25	0.20	166	540	310	0.44	4	3
Y420211		1.94	<10	<1	0.32	50	0.14	245	2	0.03	3	390	4	0.21	<2	2
Y420212		1.74	<10	<1	0.36	50	0.19	199	3	0.03	4	380	2	0.54	<2	1
Y420213		1.90	<10	<1	0.33	40	0.18	105	2	0.04	3	340	3	0.88	<2	1
Y420214		1.87	<10	<1	0.37	20	0.24	146	1	0.03	2	350	4	0.21	<2	2
Y420215		2.13	10	<1	0.33	70	0.24	100	1	0.03	5	390	7	0.05	<2	2
Y420216		1.89	<10	<1	0.51	20	0.34	189	1	0.04	4	380	4	0.02	<2	2
Y420217		1.89	<10	<1	0.44	50	0.28	221	2	0.04	4	350	4	0.01	<2	1
Y420218		1.89	<10	<1	0.33	60	0.17	256	3	0.04	5	410	3	0.01	<2	1
Y420219		1.98	<10	<1	0.46	50	0.29	150	2	0.04	4	390	3	0.10	<2	2
Y420220		3.36	<10	<1	0.23	10	0.75	433	5	0.19	12	530	3	0.02	<2	3
Y420221		1.47	<10	<1	0.29	50	0.19	88	2	0.05	6	300	<2	0.14	<2	1
Y420222		1.19	<10	<1	0.16	40	0.05	89	4	0.03	14	180	3	0.04	<2	1
Y420223		0.96	<10	<1	0.15	40	0.01	41	5	0.03	4	90	4	0.04	<2	<1
Y420224		0.93	<10	<1	0.15	10	0.02	42	4	0.03	3	90	2	0.03	<2	<1
Y420225		1.65	<10	<1	0.29	30	0.33	140	3	0.04	30	300	5	0.03	<2	2
Y420226		1.96	<10	<1	0.51	30	0.51	445	3	0.03	31	640	3	0.05	<2	2
Y420227		2.26	<10	<1	0.66	30	0.68	497	3	0.03	41	750	2	0.06	<2	3
Y420228		0.95	<10	1	0.14	30	0.02	104	2	0.03	1	120	3	0.14	<2	<1
Y420229		0.88	<10	<1	0.16	30	0.02	55	3	0.03	2	130	<2	0.04	<2	<1
Y420230		9.67	10	<1	0.31	10	0.76	290	5	0.05	23	610	11	0.73	3	3
Y420231		1.14	<10	<1	0.14	30	0.02	104	2	0.03	2	110	<2	0.04	<2	<1



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CERTIFICATE OF ANALYSIS WH18232654

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
Y420192		33	30	0.05	<10	<10	19	<10
Y420193		29	30	0.08	<10	<10	18	<10
Y420194		18	20	0.06	<10	<10	11	<10
Y420195		15	30	0.02	<10	<10	7	<10
Y420196		12	20	0.02	<10	<10	6	<10
Y420197		16	30	0.03	<10	<10	8	<10
Y420198		30	30	0.03	<10	<10	12	<10
Y420199		16	20	0.02	<10	<10	6	<10
Y420200		79	<20	0.15	<10	<10	95	<10
Y420201		13	30	0.03	<10	<10	7	<10
Y420202		12	30	0.03	<10	10	7	<10
Y420203		12	20	0.03	<10	<10	6	<10
Y420204		14	30	0.04	<10	<10	8	<10
Y420205		15	30	0.05	<10	<10	8	<10
Y420206		10	30	0.01	<10	<10	5	<10
Y420207		11	30	0.01	<10	<10	9	<10
Y420208		17	30	0.03	<10	<10	15	<10
Y420209		22	30	0.03	<10	<10	9	<10
Y420210		82	<20	0.14	<10	<10	94	<10
Y420211		16	30	0.03	<10	<10	7	<10
Y420212		13	30	0.05	<10	<10	6	<10
Y420213		13	30	0.06	<10	<10	5	<10
Y420214		17	30	0.08	<10	<10	10	<10
Y420215		31	30	0.04	<10	<10	16	<10
Y420216		18	20	0.08	<10	<10	12	<10
Y420217		11	30	0.05	<10	<10	8	<10
Y420218		11	30	0.02	<10	<10	6	<10
Y420219		15	30	0.06	<10	<10	8	<10
Y420220		80	<20	0.15	<10	<10	93	<10
Y420221		13	30	0.03	<10	<10	6	<10
Y420222		7	30	<0.01	<10	<10	4	<10
Y420223		5	30	<0.01	<10	<10	2	<10
Y420224		4	30	<0.01	<10	<10	1	<10
Y420225		10	30	0.01	<10	<10	11	<10
Y420226		13	30	0.04	<10	<10	19	<10
Y420227		15	30	0.05	<10	<10	24	<10
Y420228		11	30	<0.01	<10	<10	2	<10
Y420229		6	40	<0.01	<10	<10	2	<10
Y420230		39	<20	0.06	<10	<10	45	30
Y420231		8	40	<0.01	<10	<10	2	<10



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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
Y420232		2.23	<0.001		<0.2	0.29	4	<10	20	<0.5	2	0.41	<0.5	1	6	2
Y420233		2.19	<0.001		<0.2	0.50	9	<10	20	<0.5	<2	0.17	<0.5	2	7	2
Y420234		1.92	0.003		<0.2	0.33	15	<10	20	<0.5	2	0.30	<0.5	1	5	3
Y420235		2.10	<0.001		<0.2	0.32	10	<10	30	<0.5	2	0.35	<0.5	1	6	1
Y420236		2.20	<0.001		<0.2	0.47	17	<10	100	<0.5	2	0.09	<0.5	3	17	2
Y420237		2.37	0.001		<0.2	0.40	40	<10	80	<0.5	5	0.08	<0.5	3	5	3
Y420238		2.58	<0.001		<0.2	0.49	13	<10	60	<0.5	8	0.10	<0.5	4	5	3
Y420239		2.35	0.018		<0.2	0.55	10	<10	80	<0.5	3	0.10	<0.5	5	18	3
Y420240		0.06	<0.001		<0.2	1.81	<2	<10	150	<0.5	<2	1.01	<0.5	9	24	101
Y420241		1.77	0.003		<0.2	0.63	24	<10	70	<0.5	2	0.12	<0.5	3	7	2
Y420242		2.53	<0.001		<0.2	0.69	16	<10	90	<0.5	2	0.10	<0.5	5	5	3
Y420243		2.45	<0.001		<0.2	0.43	9	<10	210	<0.5	2	0.08	<0.5	2	5	3
Y420244		2.50	<0.001		<0.2	0.59	16	<10	190	<0.5	3	0.14	<0.5	4	5	5
Y420245		2.63	<0.001		<0.2	0.74	12	<10	100	<0.5	<2	0.13	<0.5	4	5	5
Y420246		2.56	<0.001		<0.2	0.68	20	<10	80	<0.5	2	0.13	<0.5	4	5	5
Y420247		2.22	<0.001		<0.2	0.77	8	<10	100	<0.5	2	0.18	<0.5	4	6	3
Y420248		2.48	<0.001		<0.2	0.92	10	<10	120	<0.5	2	0.17	<0.5	5	19	8
Y420249		2.20	<0.001		<0.2	0.60	10	<10	80	<0.5	2	0.12	<0.5	3	8	3
Y420250		0.06	0.727	0.69	0.3	2.75	4	<10	100	<0.5	<2	1.97	<0.5	14	102	168
Y420251		2.26	<0.001		<0.2	0.74	11	<10	60	<0.5	2	0.12	<0.5	4	5	4
Y420252		2.67	<0.001		<0.2	0.91	8	<10	70	<0.5	<2	0.22	<0.5	6	25	6
Y420253		2.43	<0.001		<0.2	1.02	5	<10	90	<0.5	2	0.19	<0.5	7	28	6
Y420254		2.81	<0.001		<0.2	0.74	3	<10	50	<0.5	<2	0.19	<0.5	5	11	4
Y420255		2.43	<0.001		<0.2	0.67	3	<10	50	<0.5	<2	0.16	<0.5	4	8	5
Y420256		2.43	<0.001		<0.2	0.47	4	<10	50	<0.5	<2	0.11	<0.5	2	7	2
Y420257		2.39	<0.001		<0.2	0.45	<2	<10	50	<0.5	<2	0.11	<0.5	2	8	2
Y420258		2.43	<0.001		<0.2	0.49	2	<10	50	<0.5	2	0.31	<0.5	2	7	1
Y420259		2.20	<0.001		<0.2	0.59	2	<10	40	<0.5	<2	0.19	<0.5	2	9	3
Y420260		0.06	<0.001		<0.2	1.67	<2	<10	140	<0.5	<2	0.98	<0.5	10	24	93
Y420261		1.21	<0.001		<0.2	0.52	<2	<10	30	<0.5	<2	0.40	<0.5	2	7	2
Y420262		1.12	<0.001		<0.2	0.86	<2	<10	80	<0.5	<2	0.27	<0.5	6	6	5
Y420263		2.38	<0.001		<0.2	0.72	2	<10	70	<0.5	3	0.19	<0.5	5	7	2
Y420264		2.42	<0.001		<0.2	1.70	3	<10	260	0.5	<2	0.68	<0.5	14	47	14
Y420265		2.36	<0.001		<0.2	1.74	4	<10	300	0.5	<2	0.69	<0.5	12	7	2
Y420266		2.88	<0.001		<0.2	1.69	3	<10	330	0.5	<2	0.93	<0.5	10	4	3
Y420267		2.45	<0.001		<0.2	1.78	<2	<10	380	<0.5	<2	1.06	<0.5	12	4	16
Y420268		2.11	<0.001		<0.2	2.09	10	<10	420	0.7	<2	0.73	<0.5	16	35	25
Y420269		1.94	<0.001		<0.2	2.50	6	<10	260	0.6	<2	0.56	<0.5	15	123	12
Y420270		0.06	0.934	0.96	3.0	2.64	9	10	90	<0.5	<2	1.93	0.7	16	103	217
Y420271		2.42	<0.001		<0.2	2.31	7	<10	360	0.6	<2	0.75	<0.5	16	44	21



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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
Y420232		0.89	<10	<1	0.19	30	0.08	141	3	0.03	2	120	<2	0.17	<2	<1
Y420233		1.14	<10	<1	0.32	40	0.20	184	3	0.04	2	140	3	0.12	<2	1
Y420234		0.87	<10	<1	0.21	40	0.07	123	3	0.04	2	120	<2	0.17	<2	<1
Y420235		0.93	<10	<1	0.21	30	0.06	166	2	0.04	2	140	<2	0.05	<2	<1
Y420236		1.39	<10	<1	0.30	30	0.18	230	1	0.03	7	260	<2	0.03	<2	1
Y420237		1.36	<10	<1	0.19	30	0.07	127	3	0.05	2	260	4	0.11	<2	1
Y420238		1.63	<10	<1	0.28	30	0.14	87	3	0.05	3	260	4	0.76	<2	1
Y420239		1.50	<10	<1	0.30	20	0.21	192	1	0.06	4	190	<2	0.04	<2	1
Y420240		3.50	<10	<1	0.24	10	0.78	452	5	0.21	12	560	2	0.03	<2	3
Y420241		1.44	<10	<1	0.34	50	0.22	254	1	0.06	3	290	<2	0.02	<2	1
Y420242		1.51	<10	<1	0.47	30	0.27	272	1	0.04	2	250	3	0.02	<2	1
Y420243		0.87	<10	<1	0.25	20	0.10	99	2	0.05	1	210	2	0.09	<2	<1
Y420244		1.48	<10	<1	0.32	30	0.19	137	2	0.06	3	360	3	0.16	<2	1
Y420245		1.43	<10	<1	0.44	60	0.23	273	2	0.05	5	410	2	0.01	<2	2
Y420246		1.44	<10	<1	0.42	40	0.26	161	1	0.05	2	350	2	0.05	<2	2
Y420247		1.19	<10	<1	0.52	50	0.30	197	1	0.05	3	420	2	0.02	<2	1
Y420248		1.90	<10	<1	0.57	30	0.45	210	3	0.06	6	380	3	0.25	<2	2
Y420249		1.17	<10	<1	0.39	40	0.25	185	1	0.05	3	330	<2	0.07	<2	1
Y420250		2.61	10	<1	0.18	10	1.41	447	3	0.30	147	370	10	0.08	<2	3
Y420251		1.31	<10	1	0.51	40	0.35	247	1	0.04	3	290	<2	0.02	<2	1
Y420252		1.63	<10	<1	0.55	30	0.56	260	1	0.06	7	410	2	0.01	<2	2
Y420253		1.66	<10	<1	0.66	40	0.56	307	<1	0.06	7	420	2	0.01	<2	2
Y420254		1.42	<10	<1	0.46	40	0.41	216	<1	0.07	6	400	2	0.01	<2	2
Y420255		1.14	<10	<1	0.42	40	0.36	218	<1	0.06	4	380	7	0.01	<2	2
Y420256		0.79	<10	<1	0.29	40	0.22	142	<1	0.06	3	390	<2	0.01	<2	1
Y420257		0.64	<10	<1	0.25	50	0.23	146	1	0.06	3	320	<2	0.01	<2	1
Y420258		0.79	<10	<1	0.22	50	0.24	181	<1	0.07	3	320	<2	0.01	<2	1
Y420259		1.07	<10	<1	0.30	50	0.32	224	1	0.06	3	260	<2	0.01	<2	1
Y420260		3.27	<10	<1	0.22	10	0.78	444	5	0.19	12	550	4	0.02	<2	3
Y420261		0.99	<10	<1	0.20	40	0.30	211	<1	0.06	3	290	<2	0.01	<2	1
Y420262		1.67	<10	<1	0.51	40	0.47	337	1	0.05	3	330	<2	0.01	<2	1
Y420263		1.35	<10	<1	0.40	50	0.38	279	<1	0.05	4	350	<2	0.01	<2	1
Y420264		2.35	<10	<1	0.92	20	1.41	425	<1	0.06	20	890	2	0.01	<2	2
Y420265		2.89	10	<1	1.23	20	1.21	436	<1	0.08	3	1370	<2	0.01	<2	2
Y420266		3.12	10	<1	1.07	30	1.10	375	<1	0.06	2	1700	<2	0.02	2	2
Y420267		3.35	10	<1	1.29	30	1.14	371	2	0.08	2	1560	<2	0.27	<2	2
Y420268		3.81	10	<1	1.41	20	1.50	450	1	0.05	20	1520	<2	0.10	<2	3
Y420269		3.52	10	<1	1.39	20	2.27	609	1	0.07	63	880	2	0.01	<2	6
Y420270		3.00	10	<1	0.17	10	1.56	538	5	0.28	149	360	197	0.10	2	3
Y420271		4.36	10	<1	0.83	20	1.71	607	1	0.06	21	1310	3	0.04	2	4



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Project: Coffee

CERTIFICATE OF ANALYSIS WH18232654

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
Y420232		19	40	<0.01	<10	<10	2	<10
Y420233		9	40	0.02	<10	<10	3	<10
Y420234		13	40	0.01	<10	20	2	<10
Y420235		11	40	0.01	<10	<10	2	<10
Y420236		21	30	0.02	<10	<10	9	<10
Y420237		10	30	0.01	<10	<10	3	<10
Y420238		23	30	0.02	<10	<10	7	<10
Y420239		13	20	0.03	<10	<10	5	<10
Y420240		87	<20	0.16	<10	<10	97	<10
Y420241		11	30	0.03	<10	<10	4	<10
Y420242		17	30	0.04	<10	<10	5	<10
Y420243		10	30	0.02	<10	<10	2	<10
Y420244		14	30	0.04	<10	<10	5	<10
Y420245		13	30	0.04	<10	<10	8	<10
Y420246		11	30	0.04	<10	<10	7	<10
Y420247		13	30	0.05	<10	<10	5	<10
Y420248		15	30	0.07	<10	<10	10	<10
Y420249		11	30	0.04	<10	<10	4	<10
Y420250		80	<20	0.09	<10	<10	68	<10
Y420251		12	30	0.04	<10	<10	8	<10
Y420252		13	30	0.07	<10	<10	12	<10
Y420253		13	20	0.08	<10	<10	12	<10
Y420254		19	20	0.07	<10	<10	16	<10
Y420255		14	30	0.05	<10	<10	14	<10
Y420256		8	30	0.02	<10	<10	7	<10
Y420257		7	30	0.02	<10	<10	5	<10
Y420258		14	30	0.03	<10	<10	4	<10
Y420259		14	30	0.05	<10	<10	7	<10
Y420260		77	<20	0.15	<10	<10	95	<10
Y420261		16	30	0.04	<10	<10	6	<10
Y420262		25	20	0.06	<10	<10	7	<10
Y420263		11	30	0.05	<10	<10	6	<10
Y420264		33	<20	0.19	<10	<10	37	<10
Y420265		41	<20	0.25	<10	<10	33	<10
Y420266		65	<20	0.23	<10	<10	29	<10
Y420267		39	<20	0.28	<10	<10	36	<10
Y420268		74	<20	0.28	<10	<10	51	<10
Y420269		32	<20	0.23	<10	<10	65	<10
Y420270		75	<20	0.10	<10	<10	65	<10
Y420271		50	<20	0.23	<10	<10	54	<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	Cu
		kg	ppm	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	1
Y420272		2.26	0.002		<0.2	2.23	9	<10	460	0.5	<2	0.86	<0.5	18	20	35
Y420273		2.34	<0.001		<0.2	1.97	8	<10	130	0.6	<2	0.95	<0.5	12	7	19
Y420274		2.71	<0.001		<0.2	1.97	6	<10	210	0.5	<2	0.90	<0.5	15	11	20
Y420275		2.55	<0.001		<0.2	2.34	3	<10	360	0.5	<2	1.25	<0.5	27	37	30
Y420276		2.55	<0.001		<0.2	1.97	2	<10	340	<0.5	<2	3.11	<0.5	21	124	17
Y420277		2.86	<0.001		<0.2	1.68	2	<10	280	<0.5	<2	2.96	<0.5	14	125	10
Y420278		2.38	<0.001		<0.2	2.79	3	<10	420	0.5	<2	2.48	<0.5	20	223	5
Y420279		2.54	<0.001		<0.2	2.65	5	<10	480	0.6	<2	3.41	<0.5	17	164	9
Y420280		0.06	<0.001		<0.2	1.72	<2	10	140	<0.5	<2	1.00	<0.5	10	24	95



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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
Y420272		4.90	10	<1	0.91	20	1.48	432	1	0.05	9	1790	2	0.04	<2
Y420273		3.60	10	<1	0.39	30	1.21	503	1	0.04	5	1700	5	0.01	2
Y420274		3.98	10	<1	0.56	30	1.21	428	1	0.05	5	1740	4	0.02	<2
Y420275		3.32	10	<1	0.93	<10	2.13	512	<1	0.09	33	1280	3	0.03	2
Y420276		2.58	10	<1	1.08	10	2.09	522	1	0.07	69	630	5	0.25	<2
Y420277		2.28	10	<1	0.80	<10	1.92	632	1	0.09	43	490	5	0.05	<2
Y420278		3.38	10	<1	1.60	<10	3.09	965	1	0.06	66	520	12	0.01	3
Y420279		3.45	10	1	1.64	10	2.81	832	2	0.06	84	630	4	0.14	2
Y420280		3.33	<10	<1	0.23	10	0.79	446	5	0.20	13	560	4	0.02	<2



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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