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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: 29-OCT-2018
Account: KAMGOL

CERTIFICATE WH18235842

Project: Coffee

P.O. No.: KGC-18-1560

This report is for 95 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20-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

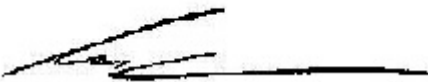
ANALYTICAL PROCEDURES

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 WH18235842

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
Y420371		2.47	<0.001		<0.2	1.00	4	<10	120	<0.5	<2	1.31	<0.5	7	13	4
Y420372		1.94	<0.001		<0.2	0.36	3	<10	60	<0.5	<2	0.42	<0.5	4	6	4
Y420373		2.49	<0.001		<0.2	0.55	4	<10	70	<0.5	<2	0.47	<0.5	6	14	2
Y420374		2.29	<0.001		<0.2	0.99	3	<10	110	<0.5	2	1.51	<0.5	7	6	3
Y420375		2.10	<0.001		<0.2	0.52	3	<10	60	<0.5	<2	0.79	<0.5	5	7	5
Y420376		2.20	<0.001		<0.2	2.32	2	<10	290	<0.5	<2	3.08	<0.5	14	12	21
Y420377		1.54	<0.001		<0.2	2.60	4	<10	430	<0.5	<2	2.98	<0.5	15	21	18
Y420378		1.51	0.002		<0.2	0.38	6	<10	50	<0.5	<2	0.86	<0.5	2	8	13
Y420379		2.29	0.002		<0.2	0.34	4	<10	40	<0.5	<2	0.06	<0.5	3	5	11
Y420380		0.06	0.001		<0.2	1.77	<2	<10	140	<0.5	<2	1.01	<0.5	9	24	93
Y420381		2.36	<0.001		<0.2	0.90	5	<10	80	0.5	<2	0.73	<0.5	7	25	7
Y420382		2.19	0.003		<0.2	0.62	3	<10	80	<0.5	<2	0.64	<0.5	5	5	7
Y420383		1.02	0.002		<0.2	0.68	3	<10	50	0.5	<2	0.08	<0.5	6	37	10
Y420384		1.05	0.001		<0.2	0.81	4	<10	60	0.5	2	0.09	<0.5	5	48	7
Y420385		2.59	0.105		1.0	0.35	3	<10	40	<0.5	<2	0.30	<0.5	2	8	62
Y420386		1.96	0.009		<0.2	0.51	4	<10	60	<0.5	<2	0.54	<0.5	5	7	7
Y420387		2.22	0.004		<0.2	0.56	4	<10	60	<0.5	<2	0.52	<0.5	4	6	8
Y420388		2.42	0.004		<0.2	0.50	5	<10	60	<0.5	<2	0.41	<0.5	3	6	3
Y420389		2.28	0.017		<0.2	0.59	5	<10	70	<0.5	2	0.10	<0.5	6	6	11
Y420390		0.06	6.25	5.83	0.8	2.43	507	10	110	<0.5	2	1.93	<0.5	42	786	96
Y420391		1.27	0.013		0.2	1.10	4	<10	350	0.9	3	0.16	<0.5	9	100	40
Y420392		1.34	0.004		<0.2	2.37	2	<10	190	1.0	<2	2.70	<0.5	8	5	5
Y420393		2.43	0.009		<0.2	0.68	12	<10	50	<0.5	2	0.20	<0.5	5	8	6
Y420394		2.08	0.004		<0.2	0.81	9	<10	70	<0.5	<2	0.57	<0.5	5	9	4
Y420395		2.40	0.004		<0.2	1.08	6	<10	80	<0.5	<2	1.27	<0.5	7	8	5
Y420396		2.56	0.004		<0.2	0.74	5	<10	80	<0.5	<2	1.23	<0.5	4	6	7
Y420397		2.29	0.002		<0.2	1.19	7	<10	90	<0.5	<2	2.18	<0.5	7	28	15
Y420398		2.35	0.001		<0.2	1.39	4	<10	80	<0.5	<2	2.50	<0.5	9	20	16
Y420399		1.57	0.005		<0.2	1.14	10	<10	110	<0.5	2	2.07	<0.5	5	18	7
Y420400		0.06	0.003		<0.2	1.74	3	<10	140	<0.5	<2	1.06	<0.5	9	24	102
Y420401		2.00	0.012		<0.2	0.39	41	<10	70	<0.5	<2	0.10	<0.5	3	7	16
Y420402		2.06	0.004		<0.2	0.91	5	<10	70	<0.5	<2	1.95	<0.5	7	26	14
Y420403		2.50	0.002		<0.2	1.61	11	<10	130	0.5	2	3.16	<0.5	14	58	14
Y420404		2.33	0.004		<0.2	1.80	7	<10	100	<0.5	2	2.41	<0.5	12	66	14
Y420405		1.56	0.003		<0.2	1.34	6	<10	90	<0.5	<2	1.95	<0.5	7	26	12
Y420406		1.91	0.001		<0.2	3.50	3	<10	410	<0.5	2	3.50	<0.5	22	279	58
Y420407		1.70	0.001		<0.2	3.76	3	<10	400	<0.5	3	3.78	<0.5	24	279	48
Y420408		2.25	0.001		<0.2	3.42	3	<10	210	<0.5	2	3.61	<0.5	22	274	34
Y420409		2.68	0.002		<0.2	2.93	4	10	160	<0.5	<2	2.84	<0.5	20	243	47
Y420410		0.06	0.747	0.69	0.2	2.62	4	10	90	<0.5	<2	2.03	<0.5	13	98	164



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CERTIFICATE OF ANALYSIS WH18235842

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
Y420371		1.94	<10	<1	0.58	30	0.60	246	2	0.06	30	450	3	0.91	<2	2
Y420372		1.53	<10	<1	0.23	40	0.09	94	4	0.06	2	200	3	1.29	<2	<1
Y420373		1.89	<10	<1	0.32	40	0.25	132	5	0.06	5	270	3	1.39	<2	1
Y420374		2.08	<10	<1	0.56	40	0.58	302	2	0.05	6	440	3	1.00	<2	2
Y420375		1.66	<10	<1	0.24	40	0.27	166	3	0.06	3	290	3	1.07	<2	1
Y420376		3.63	10	<1	0.73	10	1.70	714	<1	0.10	13	1320	6	0.14	<2	5
Y420377		3.44	10	<1	1.11	10	1.79	668	<1	0.12	31	1130	8	0.15	<2	6
Y420378		1.30	<10	<1	0.20	20	0.16	235	4	0.04	4	110	4	0.20	<2	<1
Y420379		1.14	<10	<1	0.20	30	0.10	86	4	0.05	6	110	4	0.34	<2	<1
Y420380		3.35	<10	<1	0.23	10	0.78	436	5	0.21	12	550	5	0.02	<2	3
Y420381		2.11	<10	<1	0.50	30	0.57	201	3	0.05	88	350	5	0.55	<2	1
Y420382		1.83	<10	<1	0.29	40	0.33	153	3	0.05	7	360	2	0.35	<2	1
Y420383		2.28	<10	<1	0.41	40	0.37	116	3	0.07	7	240	2	0.62	<2	2
Y420384		2.27	<10	<1	0.50	50	0.46	124	3	0.06	7	240	3	0.59	<2	2
Y420385		1.22	<10	<1	0.24	30	0.11	132	3	0.04	3	150	8	0.14	2	1
Y420386		1.33	<10	<1	0.30	40	0.18	213	3	0.05	3	270	3	0.40	2	1
Y420387		1.35	<10	<1	0.28	50	0.21	228	2	0.05	3	270	2	0.06	<2	1
Y420388		1.39	<10	<1	0.22	40	0.17	192	3	0.06	2	260	2	0.12	<2	1
Y420389		2.21	<10	<1	0.33	40	0.24	95	4	0.05	5	370	2	0.37	<2	1
Y420390		7.21	10	<1	0.58	10	2.63	1200	5	0.07	463	450	20	0.94	<2	6
Y420391		3.20	10	<1	0.68	50	0.86	310	4	0.05	19	370	6	0.10	<2	4
Y420392		3.27	10	<1	1.45	30	1.25	597	1	0.08	5	1440	6	0.06	<2	4
Y420393		1.52	<10	<1	0.21	40	0.35	228	2	0.07	4	240	<2	0.10	<2	1
Y420394		1.68	<10	1	0.44	30	0.48	228	2	0.06	4	330	2	0.30	<2	1
Y420395		2.02	<10	<1	0.52	30	0.68	314	2	0.04	5	510	<2	0.08	<2	2
Y420396		1.38	<10	<1	0.42	50	0.32	276	2	0.05	2	320	<2	0.18	<2	1
Y420397		2.12	<10	1	0.36	40	0.92	419	2	0.04	19	430	2	0.17	2	2
Y420398		2.35	<10	1	0.44	30	1.12	457	1	0.03	17	470	4	0.07	<2	2
Y420399		2.02	<10	1	0.48	40	0.82	432	1	0.03	14	440	3	<0.01	<2	2
Y420400		3.52	<10	<1	0.24	10	0.82	457	5	0.21	12	560	3	<0.01	<2	3
Y420401		1.23	<10	<1	0.24	50	0.10	189	1	0.05	3	180	2	<0.01	<2	<1
Y420402		2.10	<10	1	0.32	40	0.65	298	2	0.03	20	420	3	0.09	2	3
Y420403		2.82	<10	2	0.47	30	1.35	662	2	0.03	39	500	4	<0.01	2	5
Y420404		3.00	10	<1	0.56	40	1.61	504	2	0.04	33	560	2	<0.01	<2	6
Y420405		2.08	<10	<1	0.64	50	0.93	417	1	0.04	16	450	2	<0.01	<2	3
Y420406		3.92	10	1	1.52	10	3.34	677	1	0.13	105	1640	4	0.17	2	7
Y420407		4.00	10	1	1.37	10	3.58	750	<1	0.14	100	1470	6	0.02	<2	8
Y420408		3.81	10	<1	0.90	10	3.38	745	1	0.16	108	1430	4	0.01	2	8
Y420409		3.57	10	<1	0.81	10	3.00	639	<1	0.15	99	1290	7	0.01	<2	7
Y420410		2.58	10	<1	0.19	10	1.44	434	3	0.30	142	370	9	0.04	<2	2



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CERTIFICATE OF ANALYSIS WH18235842

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
Y420371		77	30	0.04	<10	10	19	<10
Y420372		26	30	0.01	<10	<10	2	<10
Y420373		29	30	0.02	<10	<10	4	<10
Y420374		64	30	0.04	<10	10	18	<10
Y420375		37	30	0.01	<10	<10	7	<10
Y420376		99	<20	0.09	<10	<10	78	<10
Y420377		114	<20	0.11	<10	<10	80	<10
Y420378		29	30	<0.01	<10	<10	3	<10
Y420379		8	30	<0.01	<10	<10	1	<10
Y420380		85	<20	0.15	<10	<10	95	<10
Y420381		43	30	0.03	<10	<10	13	<10
Y420382		46	30	0.01	<10	<10	12	<10
Y420383		13	30	0.04	<10	<10	11	<10
Y420384		14	30	0.04	<10	<10	15	<10
Y420385		22	30	0.01	<10	<10	6	20
Y420386		26	30	0.01	<10	<10	3	<10
Y420387		25	30	0.01	<10	<10	3	<10
Y420388		26	30	0.01	<10	<10	3	<10
Y420389		19	30	0.02	<10	10	11	<10
Y420390		67	<20	0.09	<10	<10	79	<10
Y420391		35	20	0.05	<10	<10	56	<10
Y420392		142	<20	0.13	<10	<10	65	<10
Y420393		19	30	0.01	<10	<10	5	<10
Y420394		27	30	0.04	<10	<10	11	<10
Y420395		55	30	0.04	<10	<10	17	<10
Y420396		46	30	0.03	<10	<10	5	<10
Y420397		72	20	0.02	<10	<10	24	<10
Y420398		94	30	0.03	<10	<10	31	<10
Y420399		82	30	0.03	<10	<10	23	<10
Y420400		83	<20	0.16	<10	<10	97	<10
Y420401		12	40	0.01	<10	<10	3	<10
Y420402		52	20	0.02	<10	<10	27	<10
Y420403		80	20	0.04	<10	<10	49	<10
Y420404		72	20	0.05	<10	<10	54	<10
Y420405		56	30	0.05	<10	<10	23	<10
Y420406		138	<20	0.21	<10	<10	117	<10
Y420407		181	<20	0.23	<10	<10	123	<10
Y420408		156	<20	0.18	<10	<10	106	<10
Y420409		280	<20	0.18	<10	<10	95	<10
Y420410		75	<20	0.09	<10	<10	65	<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
Y420411		2.65	0.001		<0.2	3.22	2	10	180	<0.5	<2	2.98	<0.5	20	289	33
Y420412		2.56	0.001		<0.2	3.22	2	<10	300	0.5	2	3.37	<0.5	19	183	37
Y420413		2.64	0.001		<0.2	0.62	4	<10	60	<0.5	<2	1.13	<0.5	4	8	6
Y420414		2.50	<0.001		<0.2	0.43	2	<10	40	<0.5	<2	1.28	<0.5	2	7	2
Y420415		2.84	<0.001		<0.2	0.50	3	<10	40	<0.5	<2	0.68	<0.5	2	8	1
Y420416		1.89	0.008		<0.2	0.65	10	<10	80	<0.5	2	0.41	<0.5	5	6	6
Y420417		2.47	0.002		<0.2	0.64	4	<10	50	<0.5	2	0.51	<0.5	4	11	3
Y420418		2.42	0.004		<0.2	0.80	2	<10	60	<0.5	<2	0.60	<0.5	5	10	4
Y420419		2.44	0.014		<0.2	0.61	6	<10	70	<0.5	<2	0.51	<0.5	3	7	3
Y420420		0.06	0.001		<0.2	1.75	<2	<10	140	<0.5	<2	1.07	<0.5	8	24	99
Y420421		1.68	0.004		<0.2	2.35	17	<10	240	0.6	<2	2.28	<0.5	14	130	14
Y420422		2.19	0.003		<0.2	3.06	2	<10	220	0.6	<2	2.10	<0.5	25	78	25
Y420423		1.35	0.001		<0.2	2.78	3	<10	210	<0.5	3	1.66	<0.5	28	78	38
Y420424		2.53	0.001		<0.2	2.39	3	<10	170	0.5	2	1.96	<0.5	24	66	24
Y420425		2.33	0.004		<0.2	1.30	5	<10	130	<0.5	<2	1.71	<0.5	8	29	69
Y420426		1.78	0.209		<0.2	1.71	9	<10	210	0.7	<2	0.63	<0.5	12	26	260
Y420427		2.40	0.006		<0.2	1.88	11	<10	280	0.7	2	1.06	<0.5	11	2	34
Y420428		2.25	0.003		<0.2	2.08	2	<10	340	0.6	<2	1.40	<0.5	14	5	20
Y420429		2.63	<0.001		<0.2	2.22	2	<10	330	0.6	3	1.86	<0.5	14	4	10
Y420430		0.06	0.143		0.2	0.70	79	10	270	0.5	<2	12.8	0.9	4	16	12
Y420431		2.33	0.001		<0.2	2.41	3	<10	450	0.6	<2	2.18	<0.5	15	13	19
Y420432		2.17	0.003		<0.2	2.87	5	<10	480	0.9	<2	3.42	<0.5	18	146	11
Y420433		2.27	0.001		<0.2	3.30	5	<10	410	1.0	2	3.13	<0.5	21	134	25
Y420434		2.31	0.005		<0.2	2.73	16	<10	380	0.9	<2	3.27	<0.5	23	140	21
Y420435		2.87	0.001		<0.2	1.90	5	<10	330	<0.5	<2	2.43	<0.5	17	105	9
Y420436		1.59	0.002		<0.2	1.59	5	<10	230	<0.5	<2	3.72	<0.5	12	85	9
Y420437		1.86	0.001		<0.2	1.14	5	<10	110	<0.5	<2	1.32	<0.5	8	27	6
Y420438		1.35	0.007		<0.2	0.54	4	<10	50	<0.5	<2	0.94	<0.5	4	8	4
Y420439		2.15	<0.001		<0.2	0.53	3	<10	40	<0.5	<2	0.62	<0.5	4	6	2
Y420440		0.06	0.002		<0.2	1.68	2	<10	140	<0.5	<2	0.94	<0.5	9	23	94
Y420441		2.61	0.002		<0.2	0.57	4	<10	40	<0.5	<2	0.41	<0.5	4	5	5
Y420442		2.53	0.001		<0.2	0.66	3	<10	30	<0.5	<2	0.39	<0.5	4	8	3
Y420443		1.19	0.001		<0.2	0.50	2	<10	30	<0.5	<2	0.56	<0.5	3	8	5
Y420444		1.08	0.001		<0.2	0.49	3	<10	30	<0.5	<2	0.55	<0.5	3	7	4
Y420445		2.61	0.001		<0.2	1.07	3	<10	40	0.5	<2	0.92	<0.5	8	40	9
Y420446		2.24	0.002		<0.2	0.62	4	<10	50	<0.5	<2	0.50	<0.5	4	14	7
Y420447		2.14	0.002		<0.2	1.01	4	<10	70	<0.5	<2	1.05	<0.5	7	25	3
Y420448		2.38	0.003		<0.2	0.60	5	<10	60	<0.5	<2	0.27	<0.5	5	7	5
Y420449		2.35	0.004		<0.2	0.56	9	<10	50	<0.5	<2	0.39	<0.5	5	5	2
Y420450		0.06	9.12	4.82	6.9	1.81	39	10	170	<0.5	<2	1.06	3.2	14	30	1740



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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
Y420411		3.37	10	<1	0.92	10	3.02	639	<1	0.20	118	1190	5	0.03	<2	7
Y420412		3.59	10	<1	1.40	10	2.71	665	1	0.15	81	1380	3	0.03	<2	8
Y420413		1.17	<10	<1	0.40	50	0.29	236	2	0.06	4	350	2	0.12	<2	1
Y420414		0.91	<10	<1	0.25	50	0.21	244	2	0.06	2	330	<2	<0.01	<2	1
Y420415		0.95	<10	<1	0.31	50	0.28	194	1	0.06	3	350	<2	<0.01	<2	2
Y420416		1.79	<10	1	0.43	60	0.34	239	3	0.05	2	370	2	0.01	<2	2
Y420417		1.44	<10	<1	0.40	40	0.46	263	2	0.07	4	350	<2	0.10	<2	2
Y420418		1.61	<10	<1	0.48	50	0.52	284	1	0.05	5	360	<2	0.07	<2	2
Y420419		1.10	<10	1	0.37	60	0.35	211	1	0.05	3	360	2	0.01	<2	1
Y420420		3.50	<10	<1	0.24	10	0.82	457	5	0.21	12	560	2	<0.01	<2	3
Y420421		3.12	10	<1	1.50	30	2.38	604	2	0.04	64	860	2	0.03	<2	10
Y420422		3.54	10	<1	2.24	10	3.06	641	1	0.03	63	860	<2	0.05	<2	4
Y420423		3.41	<10	1	2.19	<10	2.85	523	<1	0.02	61	1030	<2	0.15	2	4
Y420424		3.09	10	<1	1.82	10	2.46	581	1	0.03	53	770	2	0.04	<2	4
Y420425		2.09	<10	1	0.65	30	1.08	444	1	0.05	13	420	2	<0.01	2	3
Y420426		3.20	10	1	0.89	50	1.31	434	1	0.04	12	870	2	<0.01	<2	4
Y420427		3.82	10	<1	1.23	50	1.09	439	2	0.04	2	1680	3	<0.01	3	2
Y420428		4.18	10	<1	1.48	40	1.34	469	4	0.04	3	1710	<2	0.24	2	2
Y420429		4.01	10	<1	1.59	30	1.44	505	3	0.05	1	1750	3	0.10	2	2
Y420430		1.02	<10	<1	0.37	10	3.38	206	3	0.03	21	270	10	0.03	22	3
Y420431		3.94	10	<1	1.70	20	1.80	574	4	0.05	10	1540	4	0.27	<2	3
Y420432		3.96	10	<1	1.69	20	2.48	710	1	0.05	66	760	7	0.13	<2	5
Y420433		4.18	10	<1	1.52	10	3.15	934	1	0.05	79	590	12	0.06	<2	8
Y420434		4.41	10	<1	1.42	10	2.40	703	3	0.05	73	740	24	0.25	<2	9
Y420435		2.68	10	<1	1.16	10	1.83	496	1	0.07	49	650	4	0.29	<2	4
Y420436		2.31	10	<1	1.06	10	1.52	444	1	0.06	41	610	4	0.16	<2	3
Y420437		1.57	<10	<1	0.73	20	0.87	311	1	0.04	20	480	2	<0.01	<2	1
Y420438		1.10	<10	<1	0.29	30	0.25	191	1	0.05	3	230	3	0.09	<2	<1
Y420439		0.88	<10	<1	0.33	40	0.28	177	2	0.06	2	190	3	0.11	2	<1
Y420440		3.26	10	<1	0.22	10	0.76	420	5	0.19	12	540	5	0.01	<2	3
Y420441		1.03	<10	<1	0.33	40	0.29	147	2	0.06	2	200	2	0.20	<2	1
Y420442		1.24	<10	<1	0.32	30	0.45	202	1	0.06	4	220	2	0.09	2	1
Y420443		1.00	<10	<1	0.30	30	0.30	148	<1	0.06	1	200	3	0.22	<2	1
Y420444		1.05	<10	<1	0.29	30	0.31	153	1	0.06	2	200	2	0.21	<2	1
Y420445		1.64	<10	<1	0.59	30	0.90	247	1	0.06	18	240	3	0.20	2	2
Y420446		1.23	<10	<1	0.33	30	0.35	164	2	0.06	4	200	2	0.23	<2	1
Y420447		1.45	<10	<1	0.64	30	0.78	307	<1	0.05	9	280	3	0.01	<2	1
Y420448		1.21	<10	<1	0.37	40	0.35	197	1	0.05	3	250	2	0.08	<2	<1
Y420449		1.21	<10	<1	0.32	30	0.27	179	1	0.04	2	200	2	0.05	<2	<1
Y420450		3.67	10	<1	0.23	10	0.90	569	23	0.21	163	550	308	0.43	3	3



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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
Y420411		143	<20	0.16	<10	<10	87	<10
Y420412		142	<20	0.15	<10	<10	101	<10
Y420413		29	30	0.03	<10	<10	6	<10
Y420414		24	30	0.02	<10	<10	5	<10
Y420415		29	30	0.03	<10	<10	8	<10
Y420416		22	30	0.04	<10	<10	8	<10
Y420417		35	30	0.05	<10	<10	14	<10
Y420418		36	30	0.09	<10	<10	13	<10
Y420419		23	30	0.05	<10	<10	6	<10
Y420420		85	<20	0.16	<10	<10	96	<10
Y420421		81	20	0.15	<10	<10	78	<10
Y420422		74	<20	0.28	<10	<10	79	<10
Y420423		63	<20	0.30	<10	<10	81	<10
Y420424		60	<20	0.26	<10	<10	71	<10
Y420425		39	20	0.07	<10	<10	27	<10
Y420426		29	20	0.10	<10	<10	30	<10
Y420427		40	20	0.17	<10	<10	27	<10
Y420428		45	<20	0.24	<10	<10	32	<10
Y420429		62	<20	0.29	<10	<10	37	<10
Y420430		153	<20	0.02	<10	<10	50	10
Y420431		56	<20	0.27	<10	<10	51	<10
Y420432		85	<20	0.18	<10	<10	53	<10
Y420433		51	<20	0.17	<10	<10	73	<10
Y420434		52	<20	0.14	<10	<10	74	<10
Y420435		51	<20	0.21	<10	<10	47	<10
Y420436		88	<20	0.20	<10	<10	39	<10
Y420437		37	<20	0.11	<10	<10	18	<10
Y420438		36	30	0.03	<10	<10	3	<10
Y420439		23	30	0.04	<10	20	3	<10
Y420440		80	<20	0.15	<10	<10	92	<10
Y420441		31	40	0.05	<10	10	4	<10
Y420442		23	40	0.06	<10	<10	8	<10
Y420443		25	30	0.06	<10	<10	6	<10
Y420444		26	30	0.06	<10	<10	6	<10
Y420445		33	30	0.11	<10	<10	19	<10
Y420446		22	30	0.05	<10	<10	6	<10
Y420447		31	30	0.08	<10	<10	11	<10
Y420448		17	30	0.03	<10	<10	3	<10
Y420449		15	30	0.02	<10	<10	4	<10
Y420450		83	<20	0.14	<10	<10	93	<10



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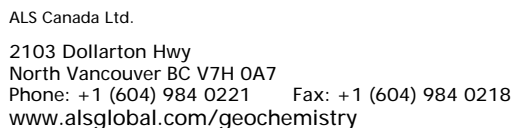
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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-AA13 Au ppm 0.03	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
Y420451		2.33	0.162		0.3	0.38	20	<10	40	<0.5	<2	0.12	<0.5	4	4	3
Y420452		2.22	0.001		<0.2	1.20	6	<10	240	0.6	2	1.31	<0.5	9	51	13
Y420453		2.50	0.001		<0.2	1.55	4	<10	190	0.5	<2	1.43	<0.5	11	59	10
Y420454		2.53	0.001		<0.2	0.64	5	<10	70	<0.5	2	1.18	<0.5	5	6	4
Y420455		2.26	0.001		<0.2	0.84	4	<10	40	<0.5	<2	0.94	<0.5	6	10	4
Y420456		2.34	<0.001		<0.2	1.02	<2	<10	50	0.6	<2	0.98	<0.5	8	5	5
Y420457		2.47	0.001		<0.2	0.81	2	<10	40	<0.5	<2	1.06	<0.5	5	5	6
Y420458		2.08	0.011		<0.2	1.88	18	<10	160	0.9	<2	3.75	<0.5	14	90	4
Y420459		2.45	0.003		<0.2	2.72	5	<10	320	0.9	2	4.48	<0.5	23	177	13
Y420460		0.06	0.001		<0.2	1.66	<2	<10	140	<0.5	<2	0.93	<0.5	9	24	96
Y420461		2.53	0.003		<0.2	2.44	4	<10	460	0.8	<2	4.26	<0.5	19	177	8
Y420462		2.29	0.010		<0.2	2.26	18	<10	230	1.3	<2	4.36	<0.5	19	165	2
Y420463		2.18	<0.001		<0.2	0.97	5	<10	60	0.7	<2	1.12	<0.5	8	61	2
Y420464		1.95	<0.001		<0.2	0.88	6	<10	100	0.5	<2	1.09	<0.5	6	52	1
Y420465		1.84	<0.001		<0.2	1.16	4	<10	150	0.5	<2	1.77	<0.5	7	61	1



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



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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