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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: 3-JUN-2018
Account: KAMGOL

CERTIFICATE WH18118062

Project: Coffee

P.O. No.: KGC-18-1176

This report is for 89 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 21-MAY-2018.

The following have access to data associated with this certificate:

THOMAS BISSIG
ERIK SCHEEL
MATT ZAGO

TOM BOKENFOHR
JAMES SCOTT

IAN HERBRANSON
TIM SMITH

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
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA13	Au by cyanide leach and AAS	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

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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 WH18118062

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	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
X838028		2.45	0.107			<0.2	0.72	115	<10	90	<0.5	<2	0.16	<0.5	6	19
X838029		1.72	0.043			<0.2	0.63	65	<10	90	<0.5	<2	0.13	<0.5	6	14
X838030		0.06	9.15		3.63	5.9	1.77	40	<10	170	<0.5	<2	1.02	3.0	15	31
X838031		0.68	0.016			<0.2	0.40	28	<10	50	<0.5	2	0.09	<0.5	4	11
X838032		1.10	0.006			<0.2	0.35	29	<10	50	<0.5	<2	0.10	<0.5	3	8
X838033		1.61	0.005			<0.2	0.61	23	<10	80	<0.5	2	0.13	<0.5	4	9
X838034		1.68	0.009			<0.2	0.36	43	<10	60	<0.5	<2	0.08	<0.5	4	8
X838035		1.63	0.017			<0.2	0.42	70	<10	80	<0.5	<2	0.10	<0.5	5	14
X838036		1.33	0.015			<0.2	0.53	56	<10	100	<0.5	<2	0.10	<0.5	5	14
X838037		1.63	0.008			<0.2	0.47	28	<10	60	<0.5	<2	0.11	<0.5	4	10
X838038		1.91	0.005			<0.2	0.50	90	<10	80	<0.5	<2	0.22	<0.5	5	8
X838039		2.08	0.004			<0.2	0.76	38	<10	190	<0.5	<2	1.11	<0.5	5	30
X838040		0.06	0.007			<0.2	1.47	<2	<10	120	<0.5	<2	0.81	<0.5	8	9
X838041		1.69	0.005			<0.2	3.09	24	<10	980	1.2	<2	4.45	<0.5	26	137
X838042		1.84	0.006			<0.2	1.30	14	<10	210	0.5	<2	1.50	<0.5	12	67
X838043		1.94	0.003			<0.2	1.78	11	<10	290	0.5	<2	1.77	<0.5	13	60
X838044		1.74	0.004			<0.2	1.40	17	<10	200	<0.5	<2	1.15	<0.5	13	41
X838045		1.83	0.007			<0.2	2.40	15	<10	490	0.5	<2	2.32	<0.5	23	133
X838046		1.95	0.006			<0.2	1.84	18	<10	440	<0.5	<2	2.08	<0.5	21	110
X838047		1.80	0.005			<0.2	1.32	32	<10	260	0.6	<2	2.11	<0.5	11	62
X838048		1.45	0.002			<0.2	1.52	431	<10	280	1.8	<2	0.55	<0.5	27	8
X838049		1.78	0.012			<0.2	4.08	97	<10	850	0.9	<2	2.40	<0.5	27	7
X838050		0.06	0.718		0.66	<0.2	2.63	4	<10	100	<0.5	<2	1.89	<0.5	15	99
X838051		2.25	0.010			<0.2	2.03	31	<10	580	0.8	<2	2.40	<0.5	16	48
X838052		1.65	<0.001			<0.2	1.18	8	<10	130	<0.5	<2	1.15	<0.5	9	41
X838053		1.99	0.006			<0.2	1.44	13	<10	280	0.5	<2	1.47	<0.5	11	70
X838054		2.20	0.004			<0.2	1.96	31	<10	310	0.5	<2	1.27	<0.5	21	168
X838055		1.99	0.006			<0.2	2.49	11	<10	260	0.8	<2	4.03	<0.5	19	154
X838056		2.54	0.002			<0.2	1.48	5	<10	170	0.7	<2	2.16	<0.5	15	118
X838057		2.52	0.001			<0.2	1.71	6	<10	230	0.6	<2	3.30	<0.5	15	160
X838058		2.35	0.001			<0.2	1.80	9	<10	240	<0.5	2	3.77	<0.5	19	132
X838059		2.44	0.011			<0.2	1.48	273	<10	490	1.1	<2	3.87	<0.5	15	115
X838060		0.06	0.001			<0.2	1.50	2	<10	120	<0.5	<2	0.86	<0.5	8	10
X838061		2.28	0.002			<0.2	0.68	22	<10	50	<0.5	<2	0.79	<0.5	3	18
X838062		1.48	0.001			<0.2	0.29	16	<10	30	<0.5	<2	0.35	<0.5	1	8
X838063		1.86	0.001			<0.2	0.40	7	<10	30	<0.5	<2	0.72	<0.5	1	11
X838064		2.25	0.003			<0.2	0.26	22	<10	40	<0.5	<2	0.39	<0.5	1	9
X838065		2.08	0.001			<0.2	0.23	23	<10	20	<0.5	<2	0.30	<0.5	1	9
X838066		1.91	0.005			<0.2	0.29	44	<10	30	<0.5	<2	0.36	<0.5	1	11
X838067		2.24	0.014			<0.2	0.20	75	<10	20	<0.5	<2	0.17	<0.5	1	8



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2
X838028		15	1.59	<10	<1	0.16	20	0.15	260	2	0.02	10	240	7	<0.01	3
X838029		16	1.62	<10	<1	0.19	40	0.16	198	3	0.03	8	260	12	<0.01	<2
X838030		1820	3.84	10	<1	0.23	10	0.92	596	25	0.20	172	560	314	0.42	5
X838031		10	1.04	<10	<1	0.14	50	0.13	114	2	0.03	7	250	4	<0.01	<2
X838032		7	0.78	<10	<1	0.15	40	0.13	119	1	0.04	4	240	3	<0.01	<2
X838033		6	1.31	<10	<1	0.36	50	0.26	215	2	0.03	7	400	3	<0.01	<2
X838034		7	1.32	<10	<1	0.20	50	0.10	170	1	0.03	5	320	6	<0.01	<2
X838035		6	1.52	<10	<1	0.22	60	0.12	224	2	0.03	7	410	8	<0.01	4
X838036		5	1.33	<10	<1	0.26	50	0.19	268	1	0.04	8	300	5	<0.01	3
X838037		4	1.08	<10	<1	0.33	40	0.23	174	2	0.04	7	360	3	<0.01	<2
X838038		6	1.21	<10	<1	0.33	50	0.22	208	2	0.04	6	350	3	<0.01	<2
X838039		5	1.54	<10	<1	0.52	60	0.37	451	1	0.03	15	300	13	<0.01	2
X838040		90	2.65	<10	<1	0.19	10	0.69	357	2	0.14	5	600	2	<0.01	<2
X838041		39	4.93	10	<1	2.33	20	2.78	955	1	0.02	49	870	2	0.01	<2
X838042		12	2.30	<10	<1	0.85	20	1.07	438	1	0.04	25	510	3	<0.01	<2
X838043		10	2.91	10	<1	1.19	20	1.45	601	1	0.04	26	650	2	<0.01	<2
X838044		20	2.25	<10	<1	0.81	20	1.15	399	2	0.04	25	530	4	<0.01	<2
X838045		28	3.90	10	<1	1.54	10	2.18	732	1	0.04	55	680	2	<0.01	<2
X838046		32	3.03	10	<1	0.93	<10	1.65	624	1	0.05	46	870	2	<0.01	<2
X838047		13	2.20	<10	<1	0.79	30	0.98	448	1	0.03	21	450	3	<0.01	2
X838048		27	5.48	10	<1	0.37	20	0.35	1020	<1	<0.01	12	1710	9	<0.01	21
X838049		28	6.51	10	1	0.93	10	1.95	775	<1	0.09	15	1250	2	<0.01	10
X838050		168	2.61	10	<1	0.18	10	1.41	442	3	0.28	146	370	10	0.06	<2
X838051		13	3.48	10	<1	0.96	30	1.31	702	1	0.04	18	700	3	<0.01	4
X838052		3	1.72	10	1	0.70	10	0.99	364	1	0.05	17	380	<2	<0.01	<2
X838053		9	2.03	<10	<1	0.96	20	1.19	445	1	0.04	26	330	3	0.01	2
X838054		15	2.84	10	1	1.10	10	1.86	583	1	0.04	40	520	<2	0.01	<2
X838055		3	3.69	10	<1	1.31	20	2.42	845	1	0.03	59	630	12	0.02	2
X838056		11	2.26	10	<1	0.88	10	1.37	408	1	0.03	32	610	2	0.01	<2
X838057		4	2.28	10	<1	1.09	10	1.72	537	1	0.03	49	550	5	0.02	<2
X838058		6	2.40	<10	<1	1.03	<10	1.68	582	2	0.04	46	480	2	0.02	2
X838059		5	2.44	<10	<1	0.89	10	2.14	618	1	0.03	15	400	4	0.23	<2
X838060		93	2.70	<10	<1	0.20	10	0.71	369	2	0.16	5	620	2	0.01	<2
X838061		3	1.32	<10	<1	0.48	30	0.39	217	3	0.04	6	200	2	0.01	<2
X838062		8	0.74	<10	<1	0.20	30	0.11	123	2	0.03	2	60	3	0.03	<2
X838063		5	0.81	<10	<1	0.27	20	0.27	180	3	0.04	4	90	<2	0.04	<2
X838064		3	0.53	<10	<1	0.15	20	0.06	110	2	0.04	3	50	3	<0.01	<2
X838065		5	0.68	<10	<1	0.16	20	0.05	166	3	0.03	3	30	21	0.05	<2
X838066		5	0.88	<10	<1	0.16	20	0.07	279	3	0.03	3	30	10	0.01	4
X838067		7	0.81	<10	<1	0.11	20	0.03	198	2	0.02	3	30	10	<0.01	5



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
X838028		2	15	20	0.04	<10	<10	23	<10	27
X838029		2	13	30	0.03	<10	<10	17	<10	16
X838030		3	81	<20	0.13	<10	<10	94	<10	622
X838031		1	9	30	0.02	<10	<10	8	<10	10
X838032		1	9	30	0.02	<10	<10	5	<10	8
X838033		2	10	30	0.04	<10	<10	10	<10	15
X838034		2	8	20	0.01	<10	<10	8	<10	11
X838035		3	11	30	0.01	<10	<10	12	<10	16
X838036		2	9	30	0.02	<10	<10	12	<10	13
X838037		2	12	20	0.02	<10	<10	14	<10	11
X838038		1	9	30	0.03	<10	<10	10	<10	13
X838039		2	20	20	0.04	<10	<10	16	<10	27
X838040		2	66	<20	0.12	<10	<10	94	<10	36
X838041		12	54	<20	0.23	<10	<10	108	<10	58
X838042		3	48	20	0.12	<10	<10	38	<10	29
X838043		4	51	<20	0.15	<10	<10	47	<10	34
X838044		3	33	20	0.13	<10	<10	36	<10	25
X838045		4	40	<20	0.22	<10	<10	62	<10	42
X838046		4	38	<20	0.20	<10	<10	51	<10	35
X838047		4	31	20	0.10	<10	<10	33	<10	22
X838048		23	21	<20	0.03	<10	<10	157	<10	79
X838049		11	89	<20	0.16	<10	<10	158	<10	64
X838050		2	74	<20	0.09	<10	<10	67	<10	47
X838051		7	46	<20	0.12	<10	<10	75	<10	42
X838052		2	48	<20	0.08	<10	<10	26	<10	21
X838053		3	29	<20	0.11	<10	<10	30	<10	24
X838054		3	41	<20	0.18	<10	<10	47	<10	32
X838055		8	140	<20	0.11	<10	<10	62	<10	60
X838056		3	136	<20	0.21	<10	<10	57	<10	27
X838057		3	137	<20	0.21	<10	<10	63	<10	33
X838058		2	89	<20	0.19	<10	<10	38	<10	36
X838059		5	178	<20	0.12	<10	<10	36	<10	42
X838060		2	71	<20	0.13	<10	<10	96	<10	36
X838061		1	18	30	0.04	<10	<10	10	<10	12
X838062		<1	9	30	0.01	<10	<10	2	<10	8
X838063		1	27	30	0.02	<10	<10	5	<10	10
X838064		<1	11	40	<0.01	<10	<10	1	<10	5
X838065		<1	10	40	<0.01	<10	<10	1	<10	9
X838066		<1	11	40	0.01	<10	<10	1	<10	11
X838067		<1	13	40	<0.01	<10	<10	1	<10	9



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
X838068		2.64	0.001			<0.2	0.20	14	<10	10	<0.5	<2	0.26	<0.5	1	11
X838069		1.62	0.003			<0.2	0.20	47	<10	30	<0.5	<2	0.20	<0.5	1	8
X838070		0.06	2.97		2.61	0.5	2.34	153	<10	170	<0.5	<2	1.65	<0.5	25	405
X838071		1.85	0.003			<0.2	0.24	50	<10	40	<0.5	<2	0.07	<0.5	1	8
X838072		1.77	0.002			<0.2	0.20	88	<10	20	<0.5	<2	0.12	<0.5	1	10
X838073		2.42	0.001			<0.2	0.24	23	<10	30	<0.5	<2	0.05	<0.5	<1	10
X838074		1.80	0.048			<0.2	0.22	286	<10	50	<0.5	<2	0.03	<0.5	1	9
X838075		2.10	0.022			<0.2	0.22	204	<10	30	<0.5	<2	0.03	<0.5	<1	9
X838076		1.79	0.048			<0.2	0.28	207	<10	30	0.5	<2	0.05	<0.5	1	9
X838077		2.09	0.545		0.52	<0.2	0.35	614	<10	100	0.6	<2	0.06	<0.5	1	7
X838078		2.42	0.066			<0.2	0.31	252	<10	40	0.5	<2	0.03	<0.5	1	9
X838079		2.21	0.090			<0.2	0.65	223	<10	300	0.9	<2	0.14	<0.5	5	19
X838080		0.06	0.003			0.2	1.45	2	<10	120	<0.5	<2	0.81	<0.5	8	9
X838081		2.13	0.043			<0.2	0.60	248	<10	410	1.0	<2	0.17	<0.5	7	24
X838082		2.33	0.986		0.96	<0.2	0.40	253	10	50	<0.5	<2	0.03	<0.5	1	8
X838083		2.35	5.66		5.21	0.2	0.27	307	10	110	<0.5	<2	0.03	<0.5	<1	8
X838084		1.90	0.818		0.76	<0.2	0.40	445	10	310	<0.5	<2	0.05	<0.5	<1	6
X838085		2.10	2.37		2.19	0.2	0.31	478	10	80	<0.5	<2	0.04	<0.5	<1	7
X838086		2.39	2.17		2.16	0.2	0.39	650	10	90	<0.5	<2	0.05	<0.5	<1	6
X838087		2.19	>10.0	12.40	11.55	0.4	0.30	1650	10	90	0.5	<2	0.07	<0.5	1	11
X838088		1.77	>10.0	19.10	18.80	0.3	0.52	2420	<10	260	0.9	<2	0.12	<0.5	11	22
X838089		1.74	0.857		0.87	<0.2	0.31	171	10	60	<0.5	<2	0.03	<0.5	3	6
X838090		0.06	6.04		5.33	1.0	2.47	511	10	110	<0.5	<2	1.92	<0.5	43	790
X838091		1.76	0.475		0.48	<0.2	0.64	221	<10	410	0.7	<2	0.04	<0.5	3	9
X838092		2.19	0.205			<0.2	0.49	281	<10	360	0.8	<2	0.07	<0.5	5	21
X838093		1.82	0.151			<0.2	0.66	216	<10	70	0.5	<2	0.06	<0.5	3	13
X838094		2.04	0.047			<0.2	0.67	483	<10	100	0.7	<2	0.08	<0.5	11	40
X838095		1.79	0.023			<0.2	1.96	648	<10	570	1.4	<2	3.03	<0.5	34	332
X838096		2.06	0.037			<0.2	0.91	49	<10	330	0.5	<2	1.72	<0.5	8	73
X838097		2.82	0.062			<0.2	0.45	16	<10	40	<0.5	<2	0.97	<0.5	3	15
X838098		2.16	0.023			<0.2	0.39	6	<10	20	<0.5	<2	0.84	<0.5	1	15
X838099		2.01	0.004			<0.2	0.98	8	<10	70	0.5	<2	2.23	<0.5	10	33
X838100		0.06	0.014			<0.2	1.58	<2	<10	130	<0.5	<2	0.88	<0.5	8	9
X838101		2.61	0.001			<0.2	1.77	3	<10	220	0.7	<2	3.54	<0.5	17	88
X838102		2.03	0.001			<0.2	1.85	5	<10	170	<0.5	<2	3.15	<0.5	19	199
X838103		2.35	0.001			<0.2	2.12	5	<10	210	0.5	<2	1.86	<0.5	18	174
X838104		2.73	<0.001			<0.2	1.22	<2	<10	80	0.5	<2	1.43	<0.5	8	24
X838105		2.69	0.002			<0.2	2.01	2	<10	190	0.7	<2	2.62	<0.5	14	53
X838106		2.56	0.001			<0.2	1.75	<2	<10	210	0.6	<2	1.99	<0.5	10	51
X838107		2.50	<0.001			<0.2	1.78	<2	<10	200	0.6	<2	1.71	<0.5	13	57



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2
X838068		6	0.77	<10	<1	0.12	20	0.05	187	4	0.03	4	30	13	0.04	3
X838069		4	0.75	<10	<1	0.12	20	0.04	177	2	0.02	2	30	12	0.01	3
X838070		81	4.84	10	<1	0.49	10	2.04	789	4	0.15	225	340	19	0.33	2
X838071		8	0.78	<10	<1	0.13	20	0.04	184	1	0.03	2	30	10	<0.01	4
X838072		4	0.84	<10	<1	0.11	20	0.05	168	3	0.03	3	30	10	0.03	5
X838073		4	0.77	<10	<1	0.13	20	0.05	131	2	0.03	3	30	9	<0.01	3
X838074		5	0.79	<10	<1	0.11	20	0.01	172	2	0.01	3	40	18	<0.01	27
X838075		4	0.66	<10	<1	0.12	20	0.02	174	3	0.03	3	30	13	<0.01	9
X838076		6	0.68	<10	<1	0.12	20	0.03	201	3	0.02	3	50	16	<0.01	12
X838077		7	0.72	<10	1	0.17	20	0.02	188	3	<0.01	3	40	17	0.01	27
X838078		4	0.70	<10	1	0.16	20	0.01	133	3	<0.01	2	40	9	<0.01	14
X838079		9	1.18	<10	<1	0.26	20	0.16	275	2	0.01	14	160	7	0.01	32
X838080		89	2.58	<10	<1	0.19	10	0.68	356	2	0.15	5	590	3	0.01	<2
X838081		11	1.35	<10	<1	0.26	20	0.23	322	2	0.01	19	200	6	0.01	39
X838082		3	0.64	<10	<1	0.28	20	0.01	30	4	<0.01	3	40	18	0.04	76
X838083		3	0.86	<10	<1	0.23	20	0.01	32	11	<0.01	3	40	7	0.08	215
X838084		4	0.80	<10	<1	0.28	20	0.02	27	8	<0.01	2	50	14	0.12	42
X838085		3	0.84	<10	1	0.25	20	0.02	27	9	<0.01	3	60	5	0.08	157
X838086		4	0.95	<10	<1	0.26	20	0.02	33	8	<0.01	3	50	4	0.07	444
X838087		11	1.65	<10	<1	0.19	20	0.02	61	8	<0.01	5	90	15	0.08	1155
X838088		29	3.11	<10	1	0.22	10	0.04	744	4	<0.01	23	120	19	0.02	1035
X838089		5	0.55	<10	<1	0.20	20	0.02	134	2	<0.01	7	40	12	<0.01	46
X838090		100	7.51	10	<1	0.61	10	2.68	1240	6	0.06	477	460	20	0.97	4
X838091		3	0.77	<10	<1	0.18	20	0.03	587	2	<0.01	11	50	6	0.01	78
X838092		4	1.50	<10	<1	0.14	30	0.03	674	4	<0.01	11	180	10	0.02	56
X838093		4	1.13	<10	<1	0.17	30	0.02	203	2	<0.01	8	170	8	<0.01	29
X838094		12	3.01	<10	<1	0.22	30	0.06	283	6	<0.01	44	240	10	0.03	46
X838095		10	4.66	10	<1	0.92	20	1.71	667	2	0.01	495	380	5	0.01	46
X838096		7	1.52	<10	<1	0.57	40	0.89	261	3	0.04	81	180	3	0.07	6
X838097		8	1.21	<10	<1	0.18	50	0.18	182	4	0.04	8	200	5	0.05	4
X838098		7	0.83	<10	1	0.16	40	0.19	145	4	0.03	5	210	3	0.03	3
X838099		15	2.27	<10	<1	0.47	30	0.67	330	5	0.04	20	270	3	0.60	2
X838100		91	2.70	<10	<1	0.21	10	0.73	370	2	0.17	5	620	2	0.01	<2
X838101		8	2.70	10	<1	1.06	20	1.50	741	4	0.04	71	500	2	0.23	2
X838102		15	2.33	10	<1	1.02	10	2.02	581	5	0.03	150	500	<2	0.17	<2
X838103		6	2.69	10	<1	1.27	20	2.03	516	3	0.02	119	470	5	0.06	<2
X838104		7	1.88	<10	<1	0.90	30	0.84	370	6	0.02	14	350	8	0.11	<2
X838105		4	3.15	10	<1	1.25	10	1.54	675	3	0.03	43	560	<2	0.10	<2
X838106		4	2.52	10	<1	1.33	20	1.45	529	2	0.02	42	500	2	0.02	<2
X838107		10	2.73	10	<1	1.27	20	1.32	497	3	0.04	45	430	<2	0.14	<2



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
X838068		<1	12	40	<0.01	<10	<10	1	<10	9
X838069		<1	13	30	<0.01	<10	<10	1	<10	11
X838070		5	87	<20	0.11	<10	<10	70	<10	59
X838071		<1	8	30	<0.01	<10	<10	1	<10	11
X838072		<1	11	30	<0.01	<10	<10	1	<10	11
X838073		<1	7	40	0.01	<10	<10	1	<10	11
X838074		<1	10	40	<0.01	<10	10	1	<10	6
X838075		<1	5	40	<0.01	<10	10	<1	<10	6
X838076		<1	7	40	<0.01	<10	10	1	<10	7
X838077		<1	11	40	<0.01	<10	10	<1	<10	9
X838078		<1	8	40	<0.01	<10	<10	1	<10	5
X838079		2	22	30	0.01	<10	<10	13	<10	16
X838080		2	66	<20	0.12	<10	<10	92	<10	35
X838081		2	24	30	0.02	<10	<10	17	<10	20
X838082		<1	19	30	<0.01	<10	<10	1	<10	2
X838083		<1	22	20	<0.01	<10	<10	1	<10	<2
X838084		<1	25	30	<0.01	<10	<10	2	<10	<2
X838085		<1	28	50	<0.01	<10	10	1	<10	2
X838086		<1	37	40	<0.01	<10	20	2	<10	3
X838087		1	68	20	<0.01	<10	10	5	<10	12
X838088		4	84	<20	<0.01	<10	10	21	<10	37
X838089		<1	17	30	<0.01	<10	<10	2	<10	10
X838090		6	68	<20	0.09	<10	<10	79	<10	68
X838091		1	14	30	<0.01	<10	<10	5	<10	9
X838092		2	18	30	<0.01	<10	10	11	<10	20
X838093		1	11	40	<0.01	<10	<10	7	<10	14
X838094		5	27	20	<0.01	<10	10	28	<10	42
X838095		10	48	<20	0.06	<10	<10	52	<10	57
X838096		3	37	30	0.04	<10	<10	15	<10	16
X838097		1	53	30	0.01	<10	<10	6	<10	10
X838098		1	30	30	0.02	<10	<10	4	<10	9
X838099		1	51	20	0.05	<10	<10	13	<10	18
X838100		2	75	<20	0.13	<10	<10	97	<10	36
X838101		2	74	<20	0.16	<10	<10	33	<10	35
X838102		3	70	<20	0.20	<10	<10	44	<10	35
X838103		2	50	<20	0.14	<10	<10	33	<10	38
X838104		1	31	20	0.11	<10	<10	16	<10	24
X838105		2	97	<20	0.17	<10	<10	30	<10	31
X838106		2	38	<20	0.16	<10	<10	26	<10	29
X838107		3	45	<20	0.16	<10	<10	35	<10	35



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-ICP21 Au ppm 0.05	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
X838108		2.64	0.007			<0.2	2.69	5	<10	260	0.8	<2	2.27	<0.5	16	83
X838109		2.60	0.001			<0.2	2.17	3	<10	250	0.8	<2	2.12	<0.5	16	63
X838110		0.06	0.730		0.72	0.2	2.71	<2	<10	100	<0.5	<2	1.92	<0.5	15	99
X838111		2.39	0.099			<0.2	2.02	13	<10	210	0.6	<2	1.68	<0.5	17	60
X838112		2.39	0.003			<0.2	2.02	3	<10	250	<0.5	<2	0.72	<0.5	16	85
X838113		2.22	0.001			<0.2	2.12	2	<10	330	<0.5	2	0.53	<0.5	17	86
X838114		2.50	0.007			<0.2	1.91	<2	<10	340	0.5	<2	1.11	<0.5	16	57
X838115		1.96	0.141			<0.2	0.48	283	<10	300	0.8	<2	0.08	<0.5	6	23
X838116		2.87	0.002			<0.2	2.03	3	<10	180	0.7	<2	2.50	<0.5	13	54



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	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
		Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S
		ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
		1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01
X838108		4	4.01	10	<1	1.81	10	2.31	738	4	0.03	60	420	3	0.20
X838109		13	3.02	10	<1	1.61	10	1.84	551	2	0.03	48	870	2	0.11
X838110		162	2.56	10	<1	0.19	10	1.42	435	3	0.30	147	370	9	0.07
X838111		13	3.37	10	1	1.22	20	1.49	543	1	0.02	55	440	3	0.02
X838112		11	3.22	10	<1	1.36	10	1.53	442	2	0.04	46	410	<2	0.04
X838113		9	2.97	10	<1	1.38	10	1.63	335	2	0.03	50	430	<2	0.08
X838114		21	3.26	10	<1	1.21	10	1.27	433	2	0.04	51	940	2	0.12
X838115		4	1.57	<10	<1	0.15	40	0.04	551	5	<0.01	11	220	11	0.02
X838116		4	3.21	10	<1	1.30	10	1.55	675	3	0.02	44	510	2	0.12



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CERTIFICATE OF ANALYSIS WH18118062

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sc	Sr	Th	Ti	Tl	U	V	W	Zn
		ppm 1	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
X838108		4	62	<20	0.20	<10	<10	58	<10	46
X838109		3	102	<20	0.21	<10	<10	47	<10	44
X838110		2	78	<20	0.09	<10	<10	67	<10	46
X838111		3	44	<20	0.13	<10	<10	41	<10	43
X838112		3	21	<20	0.17	<10	<10	43	<10	43
X838113		2	24	<20	0.18	<10	<10	48	<10	37
X838114		2	55	<20	0.19	<10	<10	35	<10	31
X838115		2	19	30	<0.01	<10	10	12	<10	23
X838116		2	97	<20	0.18	<10	<10	30	<10	32



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	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-GRA21	Au-ICP21	ME-ICP41