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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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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: 2-JUN-2018
Account: KAMGOL

CERTIFICATE WH18115133

Project: Coffee

P.O. No.: KGC-18-1171

This report is for 81 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 17-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

To: **GOLDCORP KAMINAK LTD**
ATTN: MATT ZAGO
SUITE 3400 - 666 BURRARD STREET
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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 WH18115133

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
X837904		1.76	0.083			<0.2	0.59	115	<10	100	0.5	<2	0.12	<0.5	5	14
X837905		3.32	0.065			<0.2	1.24	65	<10	180	0.6	<2	0.49	<0.5	9	54
X837906		3.18	0.009			<0.2	2.08	29	<10	350	0.6	2	0.75	<0.5	19	88
X837907		1.20	0.006			<0.2	2.19	39	<10	350	0.9	3	0.41	<0.5	18	52
X837908		2.28	<0.001			<0.2	1.78	18	<10	290	0.6	<2	0.34	<0.5	13	45
X837909		1.99	0.004			<0.2	1.91	21	<10	410	0.5	<2	0.38	<0.5	13	78
X837910		0.06	0.728		0.71	<0.2	2.81	3	10	100	<0.5	2	2.07	<0.5	16	108
X837911		1.42	0.005			<0.2	3.05	41	<10	610	0.9	2	1.08	<0.5	26	172
X837912		1.86	0.016			<0.2	3.14	59	<10	560	1.2	3	1.14	<0.5	25	185
X837913		1.67	0.005			<0.2	0.76	40	<10	160	0.6	2	0.63	<0.5	7	31
X837914		1.56	3.67		3.59	0.4	2.14	1465	<10	540	1.5	3	1.71	<0.5	23	156
X837915		2.44	>10.0	18.30	18.50	0.7	0.84	3570	<10	910	1.5	<2	2.78	<0.5	29	65
X837916		1.85	>10.0	17.60	17.85	1.0	0.53	3690	<10	290	1.5	3	2.20	<0.5	23	63
X837917		2.34	2.15		2.17	0.2	0.57	3090	<10	260	1.5	<2	1.31	<0.5	21	47
X837918		2.14	0.113			<0.2	2.00	372	<10	380	1.8	3	1.85	<0.5	20	128
X837919		1.87	0.056			<0.2	2.36	64	<10	430	1.3	3	2.73	<0.5	20	159
X837920		0.06	<0.001			<0.2	1.61	2	<10	130	<0.5	<2	0.92	<0.5	9	10
X837921		3.73	0.081			<0.2	0.82	49	<10	140	0.7	<2	0.25	<0.5	9	35
X837922		1.55	0.112			<0.2	2.23	140	<10	460	1.2	<2	0.86	<0.5	25	134
X837923		3.33	0.026			<0.2	1.68	18	<10	780	0.5	<2	2.12	<0.5	14	91
X837924		3.79	0.042			<0.2	2.39	25	<10	370	0.7	<2	2.54	<0.5	22	133
X837925		2.77	0.022			<0.2	2.05	12	<10	340	0.5	2	1.69	<0.5	17	70
X837926		3.45	0.008			<0.2	1.85	8	<10	370	0.6	<2	1.56	<0.5	15	107
X837927		2.44	0.005			<0.2	1.92	9	<10	270	0.5	3	1.58	<0.5	18	89
X837928		2.82	0.005			<0.2	1.70	14	<10	250	0.6	<2	1.63	<0.5	14	100
X837929		2.46	0.002			<0.2	2.04	20	<10	400	0.9	<2	4.15	<0.5	22	145
X837930		0.06	6.08		5.69	0.8	2.60	550	10	120	<0.5	4	2.12	<0.5	46	861
X837931		2.94	0.001			<0.2	1.62	12	<10	230	0.6	2	2.44	<0.5	14	98
X837932		2.70	0.001			<0.2	0.27	7	<10	20	<0.5	<2	0.53	<0.5	1	15
X837933		3.64	<0.001			<0.2	0.30	10	<10	20	<0.5	<2	0.61	<0.5	1	12
X837934		3.54	<0.001			<0.2	0.53	16	<10	40	0.5	2	0.37	<0.5	1	11
X837935		2.82	<0.001			<0.2	0.22	10	<10	50	<0.5	<2	0.10	<0.5	1	12
X837936		2.44	<0.001			<0.2	0.34	15	<10	30	<0.5	3	0.06	<0.5	1	12
X837937		3.88	<0.001			<0.2	0.51	34	<10	50	0.5	<2	0.08	<0.5	2	9
X837938		3.21	<0.001			<0.2	0.23	20	<10	40	<0.5	<2	0.04	<0.5	1	10
X837939		4.03	0.006			<0.2	0.26	31	<10	40	0.5	<2	0.03	<0.5	1	9
X837940		0.06	0.001			<0.2	1.59	<2	<10	130	<0.5	<2	0.91	<0.5	8	10
X837941		2.96	0.082			<0.2	0.22	36	<10	40	<0.5	<2	0.04	<0.5	1	9
X837942		2.78	0.017			<0.2	0.23	38	<10	50	<0.5	2	0.05	<0.5	1	10
X837943		3.25	0.007			<0.2	0.23	22	<10	50	<0.5	<2	0.08	<0.5	1	14



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CERTIFICATE OF ANALYSIS WH18115133

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
X837904		13	1.35	<10	<1	0.11	20	0.11	317	2	0.02	9	180	8	0.01	7
X837905		10	1.94	<10	<1	0.36	20	0.70	410	1	0.05	21	420	5	0.01	2
X837906		10	3.06	10	1	1.02	20	1.71	557	1	0.04	40	950	3	0.01	<2
X837907		16	3.39	10	1	1.25	30	1.67	603	1	0.04	35	670	6	0.01	3
X837908		9	2.64	10	<1	1.05	30	1.50	484	1	0.05	21	490	3	0.01	4
X837909		11	2.81	10	<1	1.06	20	1.67	584	2	0.06	31	570	5	0.01	5
X837910		176	2.69	10	<1	0.18	10	1.52	483	3	0.31	153	410	12	0.08	<2
X837911		24	4.46	10	<1	1.42	10	2.98	1155	1	0.04	68	940	3	0.01	5
X837912		33	4.76	10	<1	1.50	20	3.08	1230	1	0.04	61	870	5	0.01	7
X837913		7	1.45	<10	<1	0.35	40	0.42	414	2	0.03	9	280	4	0.01	3
X837914		22	5.08	10	1	1.19	50	1.63	1395	3	0.02	54	760	10	0.01	61
X837915		37	5.40	<10	1	0.40	20	0.30	1200	2	0.01	74	1290	16	0.03	178
X837916		23	4.35	<10	1	0.17	10	0.07	1090	2	0.01	48	220	12	0.01	337
X837917		29	4.40	<10	1	0.21	20	0.07	748	2	0.01	43	380	15	0.01	37
X837918		26	4.18	10	1	0.92	30	1.38	734	1	0.02	52	680	7	0.01	38
X837919		20	3.77	10	1	1.12	20	1.88	895	1	0.04	44	710	3	0.01	10
X837920		98	2.76	10	<1	0.20	10	0.76	393	2	0.17	4	660	3	0.02	<2
X837921		8	1.50	<10	<1	0.41	40	0.47	332	1	0.03	11	300	2	0.01	5
X837922		26	4.52	10	<1	0.88	30	1.97	845	1	0.02	67	850	5	0.01	7
X837923		15	2.35	10	1	0.94	20	1.54	542	1	0.04	30	620	2	0.02	<2
X837924		10	3.63	10	<1	1.37	10	2.28	863	1	0.04	42	670	<2	0.01	<2
X837925		4	2.88	10	1	1.31	10	1.75	663	1	0.04	32	600	<2	0.01	<2
X837926		5	2.58	10	<1	1.19	10	1.72	518	1	0.06	41	580	<2	0.02	<2
X837927		6	2.62	10	<1	1.29	10	1.83	563	1	0.05	42	610	<2	0.01	<2
X837928		6	2.39	10	<1	1.09	20	1.57	571	1	0.04	28	490	3	0.01	<2
X837929		6	2.88	10	<1	1.28	20	1.88	974	2	0.04	50	600	2	0.01	<2
X837930		106	7.70	10	1	0.62	10	2.93	1355	6	0.07	489	500	21	1.05	4
X837931		10	2.31	<10	<1	1.04	20	1.44	604	2	0.02	27	380	4	<0.01	<2
X837932		6	0.99	<10	<1	0.18	30	0.10	169	5	0.02	5	80	5	0.01	2
X837933		3	0.74	<10	<1	0.19	30	0.12	152	5	0.03	2	70	4	0.01	<2
X837934		4	1.13	<10	<1	0.36	30	0.31	250	2	0.02	3	130	3	<0.01	<2
X837935		5	0.57	<10	<1	0.14	20	0.05	117	2	0.03	3	70	6	<0.01	<2
X837936		5	0.76	<10	<1	0.22	20	0.14	164	3	0.03	3	80	20	<0.01	<2
X837937		2	0.92	<10	<1	0.32	30	0.22	209	2	0.03	4	210	4	<0.01	2
X837938		3	0.58	<10	<1	0.14	20	0.03	141	2	0.02	2	50	8	<0.01	2
X837939		2	0.56	<10	<1	0.14	20	0.03	170	2	0.01	2	60	10	<0.01	2
X837940		93	2.83	<10	<1	0.21	10	0.76	386	3	0.16	4	660	5	0.01	<2
X837941		3	0.61	<10	<1	0.13	20	0.02	185	2	0.02	2	60	11	<0.01	3
X837942		4	0.77	<10	<1	0.13	20	0.05	191	2	0.02	2	70	10	<0.01	4
X837943		6	0.85	<10	<1	0.12	20	0.06	174	3	0.02	4	60	22	<0.01	3



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CERTIFICATE OF ANALYSIS WH18115133

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
X837904		2	15	30	0.03	<10	<10	22	<10	19
X837905		3	36	20	0.11	<10	<10	35	<10	23
X837906		4	38	<20	0.21	<10	<10	55	<10	36
X837907		7	22	20	0.15	<10	<10	55	<10	36
X837908		3	24	20	0.14	<10	<10	42	<10	32
X837909		3	21	20	0.16	<10	<10	40	<10	31
X837910		3	79	<20	0.09	<10	<10	72	<10	51
X837911		7	32	<20	0.21	<10	<10	75	<10	57
X837912		10	29	<20	0.20	<10	<10	83	<10	56
X837913		2	10	30	0.03	<10	<10	13	<10	16
X837914		11	32	<20	0.12	<10	<10	65	<10	65
X837915		15	135	<20	0.02	<10	20	77	<10	68
X837916		10	140	<20	<0.01	<10	10	43	<10	52
X837917		8	56	<20	<0.01	<10	10	48	<10	46
X837918		11	33	<20	0.10	<10	<10	82	<10	49
X837919		8	44	<20	0.12	<10	<10	62	<10	46
X837920		2	75	<20	0.13	<10	<10	102	<10	39
X837921		2	11	30	0.04	<10	<10	15	<10	16
X837922		10	25	<20	0.09	<10	<10	64	<10	46
X837923		4	39	<20	0.15	<10	<10	43	<10	24
X837924		5	38	<20	0.17	<10	<10	49	<10	54
X837925		3	39	<20	0.17	<10	<10	44	<10	33
X837926		4	43	<20	0.17	<10	<10	45	<10	30
X837927		3	33	<20	0.17	<10	<10	41	<10	32
X837928		2	38	20	0.16	<10	<10	33	<10	32
X837929		4	135	<20	0.17	<10	<10	53	<10	46
X837930		7	73	<20	0.09	<10	<10	86	<10	77
X837931		2	38	20	0.13	<10	<10	29	<10	42
X837932		1	13	30	0.01	<10	<10	4	<10	12
X837933		<1	10	40	0.01	<10	<10	2	<10	9
X837934		<1	7	30	0.02	<10	<10	4	<10	13
X837935		<1	5	40	<0.01	<10	<10	1	<10	5
X837936		<1	4	40	0.01	<10	<10	2	<10	8
X837937		1	7	40	0.02	<10	<10	4	<10	11
X837938		<1	5	40	<0.01	<10	<10	1	<10	6
X837939		<1	5	40	<0.01	<10	<10	1	<10	7
X837940		2	72	<20	0.13	<10	<10	100	<10	38
X837941		<1	6	40	<0.01	<10	<10	1	<10	7
X837942		<1	8	40	<0.01	<10	<10	2	<10	9
X837943		<1	11	40	<0.01	<10	<10	2	<10	10



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-GRA21 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
X837944		2.85	0.001			<0.2	0.23	26	<10	50	<0.5	<2	0.04	<0.5	1	10
X837945		2.75	<0.001			<0.2	0.27	8	<10	30	<0.5	<2	0.06	<0.5	1	13
X837946		2.40	<0.001			<0.2	0.87	12	<10	80	0.6	<2	0.32	<0.5	9	37
X837947		2.15	<0.001			<0.2	0.61	12	<10	60	0.5	<2	0.20	<0.5	4	26
X837948		2.16	>10.0	18.55	18.45	0.9	0.46	3560	<10	260	1.5	<2	1.99	<0.5	21	57
X837949		2.16	0.014			<0.2	0.70	18	<10	60	0.5	<2	0.25	<0.5	6	30
X837950		0.06	1.070		1.07	0.2	2.98	31	<10	120	<0.5	<2	2.03	<0.5	14	114
X837951		1.67	0.118			<0.2	0.86	98	<10	140	<0.5	<2	0.19	<0.5	6	19
X837952		3.06	0.073			<0.2	0.54	73	<10	80	<0.5	<2	0.12	<0.5	4	16
X837953		3.06	0.035			<0.2	0.81	124	<10	100	<0.5	<2	0.18	<0.5	6	15
X837954		1.09	0.002			<0.2	0.43	85	<10	230	<0.5	<2	0.09	<0.5	3	6
X837955		1.40	0.002			<0.2	0.51	69	<10	110	<0.5	<2	0.12	<0.5	4	8
X837956		2.23	0.010			<0.2	0.63	75	<10	90	<0.5	<2	0.14	<0.5	5	8
X837957		1.88	0.004			<0.2	0.69	32	<10	90	<0.5	2	0.16	<0.5	6	9
X837958		1.87	0.009			<0.2	1.17	86	<10	200	0.6	<2	0.21	<0.5	10	8
X837959		1.86	0.009			<0.2	0.81	86	<10	110	0.5	2	0.17	<0.5	6	9
X837960		0.06	0.002			0.2	1.59	<2	<10	130	<0.5	<2	0.91	<0.5	8	10
X837961		2.12	0.005			<0.2	2.69	26	<10	630	1.2	<2	2.21	<0.5	23	45
X837962		1.92	0.006			<0.2	2.45	16	<10	560	1.0	<2	4.61	<0.5	24	230
X837963		1.94	0.018			<0.2	2.72	13	<10	580	1.0	<2	3.35	<0.5	22	98
X837964		1.60	0.006			<0.2	1.78	20	<10	770	0.6	2	2.77	<0.5	16	38
X837965		2.56	0.008			<0.2	2.39	16	<10	970	0.6	<2	3.74	<0.5	24	117
X837966		1.52	7.24		7.07	0.4	1.08	1380	<10	800	1.4	<2	1.25	<0.5	17	44
X837967		1.73	>10.0	52.5	>50	3.1	0.52	5030	10	320	1.0	<2	0.25	<0.5	15	48
X837968		1.91	>10.0	10.90	10.65	1.9	1.44	1710	10	330	1.8	<2	0.54	<0.5	34	216
X837969		2.32	0.153			<0.2	1.67	32	<10	330	0.5	<2	2.63	<0.5	19	183
X837970		0.06	9.35		4.57	6.0	1.94	41	10	180	<0.5	<2	1.12	3.1	14	32
X837971		2.47	0.073			<0.2	1.57	26	<10	460	0.7	<2	1.71	<0.5	17	52
X837972		2.35	0.039			<0.2	1.49	15	<10	550	0.5	<2	2.26	<0.5	22	126
X837973		2.36	0.052			<0.2	1.24	55	<10	180	0.8	<2	0.77	<0.5	13	74
X837974		2.41	0.067			<0.2	1.39	33	<10	330	0.5	<2	0.45	<0.5	12	22
X837975		2.37	0.019			<0.2	2.14	21	<10	320	<0.5	<2	2.76	<0.5	25	138
X837976		2.39	0.029			<0.2	1.85	10	<10	240	0.5	<2	2.58	<0.5	18	115
X837977		2.51	0.021			<0.2	1.52	8	<10	140	0.6	<2	1.63	<0.5	12	117
X837978		1.97	0.024			<0.2	1.88	11	<10	220	0.5	<2	1.14	<0.5	12	55
X837979		1.73	0.014			<0.2	1.04	16	<10	80	<0.5	<2	0.46	<0.5	9	35
X837980		0.06	0.003			<0.2	1.62	2	<10	130	<0.5	<2	0.93	<0.5	8	10
X837981		2.24	0.007			<0.2	1.51	16	<10	180	0.5	<2	1.31	<0.5	15	90
X837982		2.91	0.009			<0.2	2.16	7	<10	310	0.5	<2	2.63	<0.5	25	130
X837983		2.84	6.64		6.58	0.4	1.15	1340	10	740	1.4	<2	1.18	<0.5	17	42



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: **GOLDCORP KAMINAK LTD**
SUITE 3400 - 666 BURRARD STREET
VANCOUVER BC V6C 2X8

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CERTIFICATE OF ANALYSIS WH18115133

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
X837944		5	0.62	<10	<1	0.13	20	0.03	166	2	0.02	2	60	11	<0.01	2
X837945		4	0.69	<10	<1	0.16	20	0.08	180	3	0.02	3	70	8	<0.01	<2
X837946		12	1.50	<10	<1	0.45	20	0.70	319	2	0.02	17	360	7	<0.01	2
X837947		8	1.19	<10	<1	0.31	20	0.42	270	2	0.02	10	190	7	<0.01	4
X837948		22	4.23	<10	<1	0.15	10	0.06	966	2	<0.01	46	180	11	<0.01	321
X837949		9	1.26	<10	<1	0.37	20	0.52	289	3	0.03	13	270	6	<0.01	2
X837950		115	3.00	10	<1	0.22	10	1.38	405	4	0.35	124	380	12	0.05	<2
X837951		12	1.62	<10	<1	0.11	20	0.19	276	2	0.01	12	240	9	<0.01	8
X837952		11	1.27	<10	<1	0.10	10	0.11	237	2	0.01	8	170	8	<0.01	5
X837953		10	1.61	<10	<1	0.30	50	0.31	250	3	0.02	11	390	4	<0.01	5
X837954		13	1.18	<10	<1	0.18	50	0.13	150	3	0.03	4	260	3	0.04	2
X837955		8	1.23	<10	<1	0.25	50	0.19	196	3	0.03	5	280	3	<0.01	4
X837956		9	1.49	<10	<1	0.38	60	0.26	236	3	0.02	5	470	5	<0.01	3
X837957		13	1.65	<10	<1	0.42	60	0.36	231	2	0.03	5	430	8	<0.01	<2
X837958		13	2.55	<10	<1	0.76	60	0.73	453	2	0.02	8	630	12	<0.01	<2
X837959		10	1.82	<10	<1	0.42	60	0.39	259	3	0.02	9	420	4	<0.01	6
X837960		91	2.77	<10	<1	0.20	10	0.75	376	2	0.16	4	650	4	0.01	<2
X837961		26	4.70	10	<1	1.86	30	2.28	928	1	0.01	47	1020	6	<0.01	<2
X837962		21	3.51	10	<1	1.46	10	2.36	976	1	0.03	170	750	3	<0.01	<2
X837963		19	3.92	10	<1	1.66	10	2.54	855	1	0.03	35	920	<2	<0.01	<2
X837964		19	2.94	10	<1	0.81	20	1.56	533	1	0.03	24	860	3	0.03	<2
X837965		28	3.95	10	<1	1.32	10	2.43	752	1	0.06	69	1320	2	0.08	4
X837966		40	3.61	<10	<1	0.52	30	0.54	794	2	<0.01	46	650	10	0.01	51
X837967		57	4.59	<10	2	0.19	20	0.08	613	5	<0.01	83	210	24	0.02	173
X837968		16	3.88	<10	1	0.43	20	0.64	819	2	<0.01	119	660	12	0.02	137
X837969		12	2.44	10	<1	1.16	10	1.66	494	1	0.04	55	620	2	0.01	6
X837970		1880	3.84	10	1	0.24	10	0.94	603	26	0.21	175	570	327	0.45	6
X837971		12	2.72	10	<1	1.08	10	1.38	415	1	0.03	24	710	3	0.02	<2
X837972		33	2.57	<10	<1	0.87	10	1.39	348	1	0.03	35	780	<2	0.02	<2
X837973		8	2.67	<10	<1	0.78	30	1.02	361	1	0.03	24	450	3	0.01	2
X837974		9	2.63	<10	<1	0.93	20	1.01	413	1	0.03	11	660	<2	0.01	2
X837975		24	3.27	10	<1	1.15	10	1.97	548	1	0.05	63	800	<2	0.01	3
X837976		17	2.84	10	<1	1.05	10	1.69	494	1	0.04	50	960	<2	0.02	2
X837977		17	2.61	10	<1	1.06	10	1.40	502	1	0.04	37	540	2	0.01	<2
X837978		10	2.90	10	<1	1.32	20	1.64	497	1	0.05	29	560	<2	0.01	<2
X837979		11	1.95	<10	<1	0.65	30	0.86	317	2	0.03	14	340	2	0.01	<2
X837980		94	2.70	<10	<1	0.20	10	0.73	376	2	0.17	5	630	3	0.02	<2
X837981		14	2.58	10	<1	0.94	20	1.41	416	2	0.03	33	490	3	0.02	<2
X837982		20	3.61	10	<1	1.37	10	2.12	634	2	0.04	55	720	3	0.26	<2
X837983		40	3.48	<10	<1	0.50	30	0.46	721	1	0.01	46	620	8	0.02	48



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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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CERTIFICATE OF ANALYSIS WH18115133

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
X837944		<1	5	40	<0.01	<10	<10	1	<10	6
X837945		<1	5	40	0.01	<10	<10	1	<10	9
X837946		1	15	30	0.08	<10	<10	17	<10	22
X837947		1	14	30	0.04	<10	<10	10	<10	17
X837948		10	118	<20	<0.01	10	10	39	<10	47
X837949		1	14	30	0.06	<10	<10	12	<10	18
X837950		3	92	<20	0.10	<10	<10	73	<10	79
X837951		3	18	20	0.04	<10	<10	30	<10	23
X837952		2	13	20	0.04	<10	<10	21	<10	17
X837953		2	14	30	0.05	<10	<10	18	<10	18
X837954		1	10	30	0.01	<10	<10	4	<10	9
X837955		1	10	30	0.03	<10	<10	5	<10	11
X837956		1	10	30	0.03	<10	<10	8	<10	13
X837957		2	10	30	0.05	<10	<10	13	<10	15
X837958		3	11	20	0.08	<10	<10	31	<10	27
X837959		2	10	30	0.03	<10	<10	17	<10	18
X837960		2	73	<20	0.13	<10	<10	99	<10	37
X837961		8	46	<20	0.22	<10	<10	104	<10	59
X837962		6	94	<20	0.22	10	<10	69	<10	49
X837963		5	60	<20	0.21	<10	<10	69	<10	54
X837964		5	58	<20	0.09	<10	<10	50	<10	31
X837965		10	116	<20	0.17	<10	<10	93	<10	44
X837966		7	88	<20	0.02	<10	10	42	<10	34
X837967		8	80	<20	<0.01	<10	20	43	<10	50
X837968		15	38	<20	0.03	<10	<10	77	<10	64
X837969		3	54	<20	0.19	<10	<10	48	<10	29
X837970		3	88	<20	0.14	<10	<10	98	<10	625
X837971		4	95	<20	0.19	<10	<10	44	<10	32
X837972		3	60	<20	0.21	<10	<10	46	<10	24
X837973		4	31	20	0.11	<10	<10	33	<10	27
X837974		2	25	20	0.14	<10	<10	44	<10	29
X837975		4	71	<20	0.22	<10	<10	58	<10	32
X837976		3	216	<20	0.23	<10	<10	57	<10	33
X837977		3	132	<20	0.20	<10	<10	54	<10	30
X837978		5	49	20	0.18	<10	<10	53	<10	34
X837979		1	27	20	0.10	<10	<10	23	<10	18
X837980		3	77	<20	0.13	<10	<10	98	<10	37
X837981		2	39	<20	0.17	<10	<10	39	<10	27
X837982		4	45	<20	0.22	<10	<10	65	<10	37
X837983		6	96	20	0.02	<10	10	40	<10	32



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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	Au-AA13	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
		kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1
X837984		2.95	0.010			<0.2	1.43	21	<10	150	<0.5	<2	1.05	<0.5	14
															79



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North Vancouver BC V7H 0A7
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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
X837984		16	2.47	10	<1	0.90	20	1.33	391	2	0.03	30	480	2	0.02
															<2



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		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
X837984		2	37	20	0.15	<10	<10	37	<10	26



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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
	PUL-32m	PUL-QC	SPL-21
			LOG-23
			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