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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: 14-AUG-2018
Account: KAMGOL

CERTIFICATE VA18178308

Project: Coffee

P.O. No.: KGC-18-1348

This report is for 86 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-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 VA18178308

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
W801542		1.38	0.035		<0.2	0.85	21	<10	90	<0.5	<2	0.22	<0.5	6	17	9
W801543		1.72	0.022		<0.2	1.15	19	<10	130	0.6	<2	0.19	<0.5	6	19	8
W801544		0.86	0.012		<0.2	1.40	15	<10	150	0.6	<2	0.28	<0.5	8	24	10
W801545		2.04	0.012		<0.2	1.15	22	<10	150	0.6	<2	0.16	<0.5	6	16	9
W801546		1.12	0.016		<0.2	1.15	24	<10	140	0.7	<2	0.16	<0.5	6	19	7
W801547		1.00	0.009		<0.2	0.96	17	<10	140	0.5	<2	0.17	<0.5	4	11	10
W801548		1.72	0.010		<0.2	0.83	14	<10	110	<0.5	<2	0.20	<0.5	4	10	3
W801549		1.88	0.006		<0.2	0.86	11	<10	130	<0.5	2	0.20	<0.5	4	11	2
W801550		0.10	6.25	NSS	1.0	2.47	527	<10	110	<0.5	3	1.96	<0.5	44	804	94
W801551		2.02	0.009		<0.2	0.83	12	<10	110	<0.5	2	0.17	<0.5	4	11	9
W801552		1.64	0.005		<0.2	0.96	12	<10	120	<0.5	<2	0.17	<0.5	5	10	5
W801553		1.72	<0.001		<0.2	0.88	4	<10	100	<0.5	2	0.23	<0.5	3	12	2
W801554		1.94	<0.001		<0.2	0.79	9	<10	90	<0.5	2	0.16	<0.5	3	11	1
W801555		1.82	<0.001		<0.2	0.80	5	<10	70	<0.5	<2	0.21	<0.5	4	10	3
W801556		1.74	0.001		<0.2	0.92	45	<10	80	<0.5	<2	0.26	<0.5	4	13	3
W801557		1.56	<0.001		<0.2	0.60	15	<10	70	<0.5	<2	0.13	<0.5	3	11	1
W801558		1.56	<0.001		<0.2	0.50	11	<10	50	0.5	<2	0.13	<0.5	2	11	3
W801559		1.56	<0.001		<0.2	0.63	82	<10	60	<0.5	<2	0.10	<0.5	2	13	8
W801560		0.10	<0.001		<0.2	1.56	<2	<10	130	<0.5	<2	0.89	<0.5	9	10	87
W801561		1.52	<0.001		<0.2	0.71	9	<10	70	<0.5	<2	0.14	<0.5	3	11	5
W801562		1.76	<0.001		<0.2	0.75	20	<10	70	<0.5	<2	0.18	<0.5	5	12	6
W801563		1.50	<0.001		<0.2	0.92	71	<10	60	0.7	<2	0.15	<0.5	9	39	45
W801564		1.52	0.003		<0.2	0.61	50	<10	70	0.5	<2	0.12	<0.5	4	13	12
W801565		1.68	<0.001		<0.2	0.47	26	<10	50	<0.5	<2	0.12	<0.5	4	11	8
W801566		1.48	<0.001		<0.2	0.81	20	<10	80	<0.5	2	0.22	<0.5	5	14	9
W801567		1.56	<0.001		<0.2	0.76	19	<10	80	<0.5	<2	0.15	<0.5	5	20	7
W801568		1.52	<0.001		<0.2	0.79	11	<10	80	<0.5	<2	0.15	<0.5	5	13	5
W801569		1.64	<0.001		<0.2	0.53	6	<10	50	<0.5	<2	0.20	<0.5	3	13	5
W801570		0.10	1.105	1.13	0.3	3.08	32	<10	120	<0.5	<2	2.08	<0.5	15	116	112
W801571		1.58	<0.001		<0.2	0.69	6	<10	70	<0.5	3	0.22	<0.5	4	13	7
W801572		1.74	<0.001		<0.2	0.65	6	<10	70	<0.5	<2	0.22	<0.5	4	15	7
W801573		1.68	<0.001		<0.2	1.54	6	<10	150	0.5	2	1.64	<0.5	11	121	13
W801574		1.74	<0.001		<0.2	2.38	4	<10	360	<0.5	<2	1.59	<0.5	26	192	24
W801575		1.32	<0.001		<0.2	2.39	19	<10	290	<0.5	2	0.98	<0.5	37	178	29
W801576		1.68	0.006		<0.2	2.16	23	<10	230	<0.5	<2	0.97	<0.5	24	142	16
W801577		1.64	0.002		<0.2	1.38	22	<10	250	<0.5	<2	0.55	<0.5	10	41	5
W801578		1.76	0.016		<0.2	1.80	54	<10	270	<0.5	<2	0.90	<0.5	27	125	27
W801579		1.28	0.671	0.73	<0.2	1.47	1020	<10	210	1.5	<2	0.37	<0.5	18	55	5
W801580		0.10	<0.001		<0.2	1.56	<2	<10	130	<0.5	<2	0.89	<0.5	8	10	86
W801581		1.30	2.29	2.42	0.9	1.33	2520	10	650	1.7	<2	0.42	<0.5	20	56	14



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CERTIFICATE OF ANALYSIS VA18178308

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
W801542		1.80	<10	<1	0.31	30	0.32	307	1	0.03	10	300	7	0.01	<2	2
W801543		2.05	<10	<1	0.58	40	0.37	282	1	0.04	11	320	6	0.01	<2	2
W801544		2.47	<10	<1	0.72	50	0.67	422	2	0.04	14	360	5	0.01	<2	3
W801545		2.30	<10	<1	0.63	70	0.36	281	2	0.04	10	400	5	0.06	<2	2
W801546		2.17	<10	<1	0.59	60	0.35	332	2	0.04	10	400	6	<0.01	<2	3
W801547		1.77	<10	<1	0.54	60	0.28	346	2	0.04	6	360	5	<0.01	<2	2
W801548		1.47	<10	<1	0.48	60	0.28	275	2	0.04	4	380	4	0.01	<2	1
W801549		1.62	<10	<1	0.48	60	0.28	248	2	0.05	5	350	4	0.01	<2	1
W801550		7.19	10	<1	0.58	10	2.66	1255	5	0.07	459	470	20	0.97	5	6
W801551		1.54	<10	<1	0.45	60	0.26	210	2	0.05	4	340	7	0.01	<2	1
W801552		1.98	<10	<1	0.53	50	0.38	259	3	0.04	4	380	7	0.04	<2	2
W801553		1.80	<10	<1	0.56	60	0.30	266	3	0.05	3	390	4	0.05	<2	1
W801554		1.87	<10	<1	0.45	60	0.26	216	2	0.06	2	360	2	0.04	<2	2
W801555		1.67	<10	<1	0.46	60	0.25	221	2	0.05	3	350	4	0.01	<2	1
W801556		1.85	<10	<1	0.52	50	0.31	262	3	0.05	4	400	4	0.01	2	1
W801557		1.39	<10	<1	0.36	40	0.17	177	3	0.05	2	260	4	0.10	<2	1
W801558		1.26	<10	1	0.33	30	0.17	176	5	0.05	2	190	3	0.08	<2	1
W801559		1.95	<10	<1	0.35	50	0.20	113	4	0.05	2	310	4	0.14	3	2
W801560		2.67	10	<1	0.20	10	0.71	375	2	0.17	2	640	4	0.02	<2	2
W801561		1.78	<10	<1	0.44	40	0.25	169	3	0.05	2	330	6	0.14	<2	1
W801562		1.77	<10	<1	0.47	60	0.30	302	4	0.05	16	350	7	0.11	<2	1
W801563		2.16	<10	<1	0.53	40	0.53	318	5	0.05	167	240	6	0.02	<2	2
W801564		1.69	<10	<1	0.33	60	0.23	290	4	0.06	28	280	8	0.06	<2	1
W801565		1.46	<10	<1	0.24	60	0.15	181	4	0.06	4	280	6	0.01	<2	1
W801566		1.82	<10	<1	0.41	40	0.38	182	3	0.06	4	370	2	0.02	<2	2
W801567		1.70	<10	<1	0.46	50	0.35	225	3	0.06	16	280	3	0.02	<2	1
W801568		1.58	<10	<1	0.52	40	0.38	223	4	0.06	3	370	4	0.05	<2	1
W801569		1.21	<10	<1	0.33	30	0.28	142	5	0.07	3	280	3	0.09	<2	1
W801570		2.97	10	<1	0.22	10	1.35	414	3	0.37	123	390	11	0.06	<2	3
W801571		1.33	<10	<1	0.41	60	0.31	197	4	0.07	4	350	4	0.01	<2	1
W801572		1.30	<10	1	0.41	50	0.31	161	5	0.07	4	310	4	0.06	<2	1
W801573		2.42	10	<1	0.70	30	1.28	526	2	0.06	53	280	6	0.01	<2	5
W801574		3.44	10	<1	1.46	10	2.32	486	2	0.09	123	490	3	0.06	<2	5
W801575		4.05	10	<1	1.41	10	2.42	425	3	0.07	146	730	4	0.02	2	9
W801576		3.32	10	<1	1.16	10	1.93	531	1	0.04	94	610	3	0.01	4	3
W801577		1.99	10	<1	0.89	30	1.01	407	2	0.07	19	420	4	0.01	6	2
W801578		2.87	10	<1	1.04	10	1.71	375	1	0.07	43	750	4	0.01	16	3
W801579		3.42	<10	1	0.82	30	0.83	488	2	0.03	25	840	7	0.01	139	7
W801580		2.66	<10	1	0.20	10	0.71	375	2	0.17	1	630	4	0.02	<2	2
W801581		4.43	<10	2	0.73	30	0.69	1310	3	0.02	39	640	20	0.03	407	8



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CERTIFICATE OF ANALYSIS VA18178308

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
W801542		22	20	0.07	<10	<10	20	<10
W801543		22	20	0.09	<10	<10	19	<10
W801544		28	20	0.13	<10	<10	22	<10
W801545		27	30	0.08	<10	<10	13	<10
W801546		17	30	0.07	<10	<10	15	<10
W801547		17	30	0.07	<10	<10	9	<10
W801548		19	30	0.09	<10	<10	7	<10
W801549		22	30	0.09	<10	<10	8	<10
W801550		68	<20	0.09	<10	<10	79	<10
W801551		18	30	0.08	<10	<10	8	<10
W801552		28	30	0.11	<10	<10	10	<10
W801553		34	20	0.13	<10	<10	10	<10
W801554		27	30	0.12	<10	<10	10	<10
W801555		24	30	0.10	<10	<10	9	<10
W801556		34	20	0.11	<10	<10	12	<10
W801557		16	30	0.07	<10	<10	6	<10
W801558		20	30	0.06	<10	10	9	<10
W801559		26	30	0.11	<10	<10	9	<10
W801560		72	<20	0.13	<10	<10	96	<10
W801561		20	20	0.10	<10	<10	7	<10
W801562		16	30	0.08	<10	<10	8	<10
W801563		21	30	0.07	<10	<10	17	<10
W801564		17	30	0.04	<10	<10	8	<10
W801565		13	30	0.04	<10	<10	5	<10
W801566		19	30	0.12	<10	<10	12	<10
W801567		15	30	0.08	<10	<10	8	<10
W801568		21	30	0.09	<10	<10	13	<10
W801569		26	30	0.08	<10	10	11	<10
W801570		96	<20	0.11	<10	<10	72	<10
W801571		16	30	0.08	<10	<10	7	<10
W801572		17	30	0.06	<10	<10	7	<10
W801573		28	20	0.08	<10	<10	37	<10
W801574		27	<20	0.19	<10	<10	63	<10
W801575		33	<20	0.20	<10	<10	89	<10
W801576		42	<20	0.23	<10	<10	51	<10
W801577		23	20	0.14	<10	<10	24	<10
W801578		39	<20	0.23	<10	<10	47	<10
W801579		21	20	0.07	<10	<10	50	<10
W801580		72	<20	0.13	<10	<10	96	<10
W801581		60	20	0.03	<10	<10	50	<10



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W801582		1.50	0.069		<0.2	1.63	101	<10	490	0.5	2	1.51	<0.5	25	96	28
W801583		1.58	0.372	0.41	<0.2	1.39	468	<10	440	0.8	<2	1.35	<0.5	19	95	23
W801584		1.54	0.033		<0.2	1.41	418	<10	1130	1.0	<2	1.47	<0.5	13	65	12
W801585		1.92	0.012		<0.2	1.94	25	<10	600	0.6	<2	2.66	<0.5	17	135	12
W801586		1.90	0.018		<0.2	1.98	27	<10	260	0.7	<2	2.55	<0.5	16	128	10
W801587		1.78	0.019		<0.2	1.67	21	<10	130	<0.5	<2	2.99	<0.5	17	139	15
W801588		1.60	0.012		<0.2	0.84	16	<10	50	<0.5	<2	2.25	<0.5	15	91	11
W801589		1.52	0.006		<0.2	1.94	16	<10	260	0.5	2	3.32	<0.5	22	154	29
W801590		0.10	9.01	3.49	6.4	1.96	42	<10	180	<0.5	<2	1.18	3.2	16	34	1860
W801591		1.70	0.006		<0.2	1.44	55	<10	160	0.6	<2	2.94	<0.5	11	91	5
W801592		1.74	0.196		<0.2	0.53	585	<10	50	0.9	<2	0.70	<0.5	3	15	12
W801593		1.64	0.197		<0.2	0.42	165	<10	60	0.7	<2	0.66	<0.5	<1	7	3
W801594		1.48	0.004		<0.2	0.48	51	<10	40	0.5	<2	0.52	<0.5	1	9	4
W801595		1.36	0.066		<0.2	0.38	200	<10	50	<0.5	<2	0.06	<0.5	1	9	9
W801596		1.50	0.029		<0.2	0.42	252	<10	50	0.5	<2	0.05	<0.5	1	7	5
W801597		0.94	0.051		<0.2	0.39	146	<10	50	0.5	<2	0.47	<0.5	1	8	5
W801598		1.80	0.536	0.57	<0.2	0.39	528	10	210	1.0	<2	0.15	<0.5	1	7	5
W801599		1.40	0.145		<0.2	0.37	484	<10	110	0.7	<2	0.80	<0.5	1	6	4
W801600		0.10	0.006		<0.2	1.65	4	<10	130	<0.5	<2	0.97	<0.5	9	10	96
W801601		1.38	0.244		<0.2	0.38	265	<10	90	0.8	<2	0.49	<0.5	1	8	8
W801602		1.48	0.013		<0.2	0.31	57	<10	20	0.5	<2	0.56	<0.5	1	9	4
W801603		1.96	0.128		<0.2	0.35	180	<10	350	0.6	<2	0.71	<0.5	1	6	4
W801604		1.98	0.318	0.33	<0.2	0.37	128	<10	250	0.6	<2	0.47	<0.5	1	8	5
W801605		1.60	0.019		<0.2	0.36	20	<10	50	<0.5	<2	0.26	<0.5	1	10	5
W801606		1.26	0.261		<0.2	0.31	203	<10	280	0.8	<2	0.34	<0.5	1	8	6
W801607		1.76	0.063		<0.2	0.88	116	<10	780	1.0	<2	2.34	<0.5	7	35	8
W801608		2.16	0.008		<0.2	1.12	23	<10	80	0.6	<2	0.71	<0.5	12	43	15
W801609		1.64	0.001		<0.2	0.44	12	<10	30	<0.5	<2	0.47	<0.5	1	8	11
W801610		0.10	1.045	1.02	0.2	3.17	36	<10	130	<0.5	<2	2.21	<0.5	16	119	120
W801611		1.16	0.004		<0.2	0.47	10	<10	30	<0.5	<2	0.38	<0.5	1	10	10
W801612		1.42	0.002		<0.2	1.24	8	<10	80	0.6	<2	1.14	<0.5	10	81	5
W801613		1.92	<0.001		<0.2	1.15	3	<10	110	0.6	<2	3.08	<0.5	14	59	16
W801614		1.58	<0.001		<0.2	2.09	10	<10	280	0.8	<2	1.69	<0.5	19	88	24
W801615		1.72	0.003		<0.2	1.87	23	<10	150	0.5	<2	1.99	<0.5	18	208	10
W801616		1.98	0.001		<0.2	1.84	16	<10	250	0.5	<2	2.38	<0.5	12	44	8
W801617		1.56	0.001		<0.2	1.25	18	<10	110	0.6	<2	1.21	<0.5	8	38	7
W801618		1.92	0.005		<0.2	2.07	37	<10	270	0.9	<2	2.54	<0.5	15	74	11
W801619		1.58	0.005		<0.2	3.06	27	<10	360	0.9	<2	1.64	<0.5	26	119	13
W801620		0.10	0.009		<0.2	1.64	2	<10	130	<0.5	<2	0.97	<0.5	9	10	98
W801621		1.64	0.001		<0.2	2.31	11	<10	1230	1.0	<2	3.50	<0.5	21	172	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
W801582		2.94	<10	<1	0.71	10	1.27	452	1	0.04	39	690	3	0.39	15	3
W801583		2.78	<10	<1	0.82	10	1.11	542	2	0.04	33	640	4	0.18	51	4
W801584		2.41	<10	<1	0.94	30	1.03	550	2	0.02	23	440	5	0.05	31	3
W801585		2.75	10	<1	1.34	10	1.85	568	2	0.06	41	520	3	0.07	3	3
W801586		2.38	10	<1	1.46	10	1.88	539	2	0.06	47	520	3	0.05	6	3
W801587		2.27	10	<1	0.82	10	1.66	416	2	0.05	28	650	<2	0.14	4	3
W801588		1.52	<10	<1	0.32	10	0.81	279	3	0.05	21	490	3	0.23	3	2
W801589		2.68	10	<1	1.29	10	1.98	652	1	0.05	58	400	3	0.13	2	3
W801590		4.04	10	<1	0.26	10	0.99	637	27	0.22	178	600	336	0.47	5	3
W801591		2.03	<10	<1	0.82	30	1.30	524	3	0.05	21	320	5	0.03	<2	3
W801592		1.44	<10	<1	0.21	40	0.09	227	3	0.01	4	160	12	<0.01	26	1
W801593		0.84	<10	<1	0.19	20	0.04	190	2	0.01	1	70	5	<0.01	22	<1
W801594		0.90	<10	<1	0.21	20	0.11	174	2	0.03	2	80	5	<0.01	12	1
W801595		0.88	<10	<1	0.14	20	0.03	134	2	0.01	2	70	20	<0.01	50	1
W801596		1.02	<10	<1	0.13	20	0.03	148	1	0.01	2	70	18	<0.01	64	1
W801597		0.97	<10	<1	0.20	20	0.05	148	3	0.03	2	40	11	0.04	6	<1
W801598		0.96	<10	<1	0.24	20	0.02	197	3	0.01	1	40	21	0.02	23	<1
W801599		0.84	<10	<1	0.18	20	0.08	168	2	0.01	2	30	14	0.05	13	<1
W801600		2.87	<10	<1	0.21	10	0.77	391	2	0.17	5	670	4	0.01	<2	3
W801601		0.94	<10	<1	0.23	20	0.05	213	3	0.01	2	30	16	0.07	32	<1
W801602		0.70	<10	<1	0.19	20	0.03	182	5	0.03	2	30	11	0.07	2	<1
W801603		0.71	<10	<1	0.17	20	0.03	264	2	0.01	1	30	15	0.05	12	<1
W801604		0.88	<10	<1	0.21	20	0.05	277	1	0.02	1	40	17	0.01	20	<1
W801605		0.80	<10	<1	0.23	20	0.08	202	3	0.05	3	60	12	0.01	4	<1
W801606		0.91	<10	<1	0.20	20	0.04	185	3	0.02	2	40	10	0.03	14	<1
W801607		1.71	<10	<1	0.50	20	0.56	426	3	0.02	16	220	19	0.03	16	2
W801608		1.81	<10	<1	0.68	10	0.86	318	2	0.04	21	440	3	0.01	7	2
W801609		0.75	<10	<1	0.25	20	0.20	163	2	0.05	2	60	3	<0.01	2	<1
W801610		3.12	10	<1	0.23	10	1.42	426	4	0.38	132	380	12	0.06	<2	3
W801611		0.81	<10	<1	0.23	20	0.23	151	5	0.07	2	50	3	0.01	<2	<1
W801612		1.93	<10	<1	0.96	20	1.15	323	3	0.06	25	200	<2	0.16	2	1
W801613		2.07	<10	<1	0.48	10	0.76	544	2	0.06	37	460	2	0.24	2	2
W801614		3.27	10	<1	1.31	10	1.50	532	4	0.04	73	460	4	0.16	<2	3
W801615		2.40	10	<1	1.19	10	1.89	448	1	0.04	141	430	3	0.02	3	3
W801616		2.83	10	<1	1.40	20	1.35	569	2	0.04	7	510	11	0.05	<2	2
W801617		2.03	<10	<1	0.98	20	0.78	398	2	0.05	21	330	12	0.01	3	1
W801618		3.35	10	<1	1.44	20	1.53	802	2	0.04	56	480	5	0.01	6	2
W801619		4.45	10	<1	1.90	10	2.59	757	1	0.03	93	530	<2	0.02	5	3
W801620		2.79	<10	<1	0.21	10	0.76	391	3	0.17	9	660	8	0.02	<2	3
W801621		3.93	10	<1	1.78	10	2.14	805	3	0.04	95	390	3	0.09	2	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
W801582		71	<20	0.22	<10	<10	46	<10
W801583		47	<20	0.15	<10	<10	40	<10
W801584		95	20	0.09	<10	<10	31	<10
W801585		146	<20	0.21	<10	<10	47	<10
W801586		70	<20	0.21	<10	<10	42	<10
W801587		85	<20	0.23	<10	<10	40	<10
W801588		84	<20	0.15	<10	<10	25	<10
W801589		69	<20	0.17	<10	<10	41	<10
W801590		88	<20	0.15	<10	<10	101	<10
W801591		60	20	0.08	<10	<10	31	<10
W801592		24	30	<0.01	<10	10	6	<10
W801593		24	30	<0.01	<10	<10	2	<10
W801594		15	40	0.01	<10	<10	3	<10
W801595		18	40	<0.01	<10	<10	4	<10
W801596		14	40	<0.01	<10	<10	6	<10
W801597		25	40	<0.01	<10	<10	2	<10
W801598		17	40	<0.01	<10	10	2	<10
W801599		41	40	<0.01	<10	10	1	<10
W801600		76	<20	0.13	<10	<10	102	<10
W801601		25	30	<0.01	<10	10	3	<10
W801602		25	40	<0.01	<10	10	1	<10
W801603		40	40	<0.01	<10	10	1	<10
W801604		49	40	<0.01	<10	<10	4	<10
W801605		12	40	0.01	<10	<10	2	<10
W801606		21	40	<0.01	<10	10	1	10
W801607		156	30	0.06	<10	<10	19	<10
W801608		31	20	0.13	<10	<10	30	<10
W801609		14	30	0.01	<10	<10	2	<10
W801610		100	<20	0.11	<10	<10	75	<10
W801611		23	40	0.02	<10	<10	3	<10
W801612		79	20	0.09	<10	<10	28	<10
W801613		303	<20	0.15	<10	<10	31	<10
W801614		308	<20	0.23	<10	<10	53	<10
W801615		87	<20	0.17	<10	<10	37	<10
W801616		54	<20	0.19	<10	<10	38	<10
W801617		106	20	0.11	<10	<10	30	<10
W801618		103	<20	0.18	<10	<10	42	<10
W801619		67	<20	0.27	<10	<10	67	<10
W801620		77	<20	0.14	<10	<10	102	<10
W801621		730	<20	0.22	<10	<10	76	<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
		kg	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
W801622		1.76	<0.001		<0.2	2.08	17	<10	570	1.0	<2	1.44	<0.5	16	164
W801623		1.66	<0.001		<0.2	2.33	14	<10	410	1.0	<2	2.32	<0.5	20	102
W801624		1.74	0.003		<0.2	2.70	80	<10	990	1.4	4	6.60	<0.5	32	520
W801625		1.50	<0.001		<0.2	1.79	14	<10	230	0.6	2	1.57	<0.5	11	40
W801626		1.94	0.170		<0.2	0.55	523	<10	40	0.9	<2	0.73	<0.5	2	12
W801627		1.82	0.004		<0.2	1.82	25	<10	150	0.5	<2	2.14	<0.5	17	187



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CERTIFICATE OF ANALYSIS VA18178308

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
W801622		3.11	10	<1	1.57	10	1.89	566	2	0.04	103	440	4	0.02	4
W801623		3.51	10	1	1.69	20	2.03	668	4	0.04	88	590	3	0.06	4
W801624		3.64	10	<1	1.26	10	3.56	834	1	0.02	475	310	4	0.03	14
W801625		2.47	10	<1	1.11	20	1.20	551	2	0.04	19	460	4	0.02	3
W801626		1.35	<10	<1	0.20	40	0.10	207	3	0.02	5	160	10	0.01	22
W801627		2.46	10	<1	1.17	20	1.75	474	1	0.04	117	450	4	0.01	4



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CERTIFICATE OF ANALYSIS VA18178308

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	ppm	%	ppm	ppm	ppm	ppm
		1	20	0.01	10	10	1	10
W801622		282	<20	0.23	<10	<10	62	<10
W801623		326	<20	0.18	<10	<10	57	<10
W801624		218	<20	0.14	<10	<10	58	<10
W801625		37	20	0.12	<10	<10	36	<10
W801626		26	40	<0.01	<10	10	5	<10
W801627		93	<20	0.17	<10	<10	37	<10



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CERTIFICATE OF ANALYSIS VA18178308

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA13	Au-ICP21	BAG-01	CRU-31
CRU-QC	LOG-21	LOG-23	ME-ICP41
PUL-32m	PUL-QC	SPL-21	WEI-21