



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: KAMINAK GOLD CORPORATION  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

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Finalized Date: 26-JUL-2013  
Account: KAMGOL

**CERTIFICATE WH13128752**

Project: Coffee

P.O. No.: KGC-13-1248

This report is for 147 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2013.

The following have access to data associated with this certificate:

TOM BOKENFOHR

JAMES SCOTT

TIM SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
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-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: KAMINAK GOLD CORPORATION  
ATTN: TIM SMITH  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

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 WH13128752**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM144588		0.97	0.025	<0.2	0.78	72	<10	90	0.5	<2	0.19	<0.5	4	19	11	1.29
KAM144589		1.54	0.024	<0.2	0.70	267	<10	70	0.8	<2	0.15	<0.5	3	16	10	1.23
KAM144590		0.04	0.787	0.8	0.74	206	<10	80	1.0	17	18.9	1.6	4	25	83	2.49
KAM144591		1.32	0.053	<0.2	0.41	461	<10	60	0.8	<2	0.10	<0.5	1	8	8	0.95
KAM144592		1.70	0.014	<0.2	0.49	184	<10	40	0.6	<2	0.06	<0.5	1	5	1	0.65
KAM144593		1.72	0.008	<0.2	1.01	219	<10	190	1.6	<2	0.21	<0.5	8	36	4	1.92
KAM144594		1.68	0.027	<0.2	0.68	374	<10	110	1.1	<2	0.08	<0.5	3	16	4	1.52
KAM144595		2.07	0.002	<0.2	0.63	67	<10	50	0.6	<2	0.07	<0.5	3	12	2	1.09
KAM144596		1.62	0.007	<0.2	0.48	624	<10	40	1.1	<2	0.05	<0.5	2	10	2	1.94
KAM144597		1.51	0.007	<0.2	0.50	871	<10	60	1.7	<2	0.04	<0.5	3	8	2	2.75
KAM144598		1.71	0.003	<0.2	0.60	615	<10	70	1.0	<2	0.05	<0.5	3	10	5	1.59
KAM144599		2.04	0.002	<0.2	1.15	63	<10	140	0.8	<2	0.17	<0.5	8	20	8	1.93
KAM144600		0.04	0.002	<0.2	1.89	5	<10	120	<0.5	<2	1.09	<0.5	9	39	47	3.23
KAM144601		1.98	0.003	<0.2	2.34	149	<10	360	1.5	<2	0.47	<0.5	28	70	28	3.72
KAM144602		1.89	0.004	<0.2	2.09	67	<10	1380	1.3	<2	0.37	<0.5	25	54	27	3.55
KAM144603		1.67	0.008	<0.2	1.59	458	<10	390	1.5	<2	0.20	<0.5	17	30	8	2.99
KAM144604		1.96	0.117	<0.2	0.49	375	<10	70	0.9	<2	0.05	<0.5	1	5	1	1.19
KAM144605		1.82	0.037	<0.2	0.49	212	<10	40	0.7	<2	0.03	<0.5	1	4	1	0.69
KAM144606		2.16	0.004	<0.2	0.56	157	<10	30	0.8	<2	0.06	<0.5	1	4	1	0.60
KAM144607		1.86	0.006	<0.2	0.65	259	<10	50	0.7	<2	0.05	<0.5	1	3	1	0.71
KAM144608		1.96	0.005	<0.2	0.63	423	<10	40	0.5	<2	0.05	<0.5	1	4	1	0.83
KAM144609		1.85	0.004	<0.2	0.42	290	<10	30	0.5	<2	0.04	<0.5	1	8	1	0.79
KAM144610		0.04	1.175	2.0	1.67	9	<10	1290	<0.5	<2	1.10	1.0	9	36	77	3.23
KAM144611		1.77	0.002	<0.2	0.49	91	<10	140	0.5	<2	0.03	<0.5	2	7	2	0.49
KAM144612		2.12	0.006	<0.2	0.44	68	<10	40	0.5	<2	0.04	<0.5	1	5	2	0.68
KAM144613		1.90	0.001	<0.2	0.50	47	<10	40	0.6	<2	0.05	<0.5	1	6	2	0.68
KAM144614		2.24	0.001	<0.2	0.35	17	<10	50	0.5	<2	0.04	<0.5	1	6	3	0.64
KAM144615		1.90	0.005	<0.2	0.42	40	<10	30	0.5	<2	0.04	<0.5	1	9	7	0.60
KAM144616		1.75	0.016	<0.2	0.46	71	<10	50	0.6	<2	0.05	<0.5	1	7	2	0.56
KAM144617		1.86	0.010	<0.2	0.55	106	<10	40	0.8	<2	0.05	<0.5	1	9	2	0.77
KAM144618		1.78	0.008	<0.2	0.37	47	<10	20	0.5	<2	0.03	<0.5	1	6	1	0.41
KAM144619		2.08	0.004	<0.2	0.42	84	<10	40	0.5	<2	0.04	<0.5	1	7	2	0.64
KAM144620		0.03	0.003	<0.2	1.82	6	10	110	<0.5	<2	1.02	<0.5	9	39	47	3.18
KAM144621		1.85	0.002	<0.2	0.44	54	<10	40	0.6	<2	0.04	<0.5	1	6	1	0.61
KAM144622		1.91	0.012	<0.2	0.44	300	<10	50	0.8	<2	0.04	<0.5	1	7	2	0.91
KAM144623		1.98	0.005	<0.2	0.46	60	<10	40	0.6	<2	0.06	<0.5	1	6	2	0.60
KAM144624		2.11	0.012	<0.2	0.49	81	<10	40	0.7	<2	0.06	<0.5	2	8	3	0.76
KAM144625		2.20	0.006	<0.2	0.40	49	<10	50	0.6	<2	0.05	<0.5	1	7	1	0.69
KAM144626		2.37	0.057	<0.2	0.47	24	<10	40	0.6	<2	0.05	<0.5	1	7	1	0.50
KAM144627		2.25	0.014	<0.2	0.39	60	<10	30	<0.5	<2	0.03	<0.5	1	7	1	0.50



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**CERTIFICATE OF ANALYSIS WH13128752**

Sample Description	Method Analyte Units LOR	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	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KAM144588		<10	<1	0.18	20	0.20	232	2	0.04	11	200	7	<0.01	3	2	18
KAM144589		<10	<1	0.19	30	0.13	179	4	0.02	8	180	14	<0.01	8	2	15
KAM144590		10	2	0.20	10	3.63	1795	67	0.01	85	1090	20	0.66	6	4	228
KAM144591		<10	<1	0.17	20	0.05	93	6	0.02	3	90	22	<0.01	7	1	13
KAM144592		<10	<1	0.17	10	0.03	100	2	0.03	2	90	13	<0.01	7	<1	7
KAM144593		<10	<1	0.38	30	0.44	635	3	0.03	14	200	19	<0.01	7	2	24
KAM144594		<10	1	0.26	30	0.15	335	4	0.02	6	180	15	<0.01	9	1	14
KAM144595		<10	1	0.33	10	0.20	139	3	0.05	4	110	6	<0.01	4	1	7
KAM144596		<10	1	0.17	50	0.04	60	9	0.02	5	160	16	<0.01	50	1	8
KAM144597		<10	1	0.13	50	0.01	116	13	0.01	6	200	17	<0.01	60	1	8
KAM144598		<10	<1	0.15	40	0.03	164	12	0.01	4	190	19	<0.01	19	1	8
KAM144599		<10	<1	0.67	40	0.53	226	3	0.04	16	340	8	<0.01	5	3	16
KAM144600		10	<1	0.17	<10	0.85	500	7	0.13	32	600	2	0.04	<2	6	58
KAM144601		10	<1	1.61	30	1.57	554	2	0.04	57	680	9	<0.01	3	5	59
KAM144602		10	<1	1.28	30	1.10	366	2	0.03	40	730	7	0.02	3	5	31
KAM144603		10	<1	0.75	50	0.54	868	3	0.01	29	540	16	<0.01	10	4	18
KAM144604		<10	<1	0.25	20	0.02	53	3	0.01	3	100	12	0.01	14	<1	19
KAM144605		<10	<1	0.16	30	0.02	23	3	0.01	1	90	8	<0.01	6	<1	13
KAM144606		<10	<1	0.18	20	0.05	30	2	0.02	1	80	7	<0.01	6	<1	8
KAM144607		<10	<1	0.16	40	0.03	37	3	0.01	1	100	7	0.02	11	1	13
KAM144608		<10	1	0.15	30	0.02	16	3	0.01	1	100	10	0.02	18	<1	11
KAM144609		<10	1	0.20	20	0.02	19	3	0.04	2	70	7	<0.01	19	<1	7
KAM144610		10	<1	0.14	<10	0.82	503	7	0.10	34	600	88	0.10	<2	5	65
KAM144611		<10	1	0.22	20	0.02	387	3	0.02	1	70	8	<0.01	7	<1	6
KAM144612		<10	<1	0.20	20	0.03	49	2	0.03	1	90	5	<0.01	3	<1	10
KAM144613		<10	<1	0.28	20	0.06	83	2	0.05	1	110	6	<0.01	<2	1	8
KAM144614		<10	<1	0.21	10	0.04	99	4	0.05	2	70	6	<0.01	2	<1	6
KAM144615		<10	<1	0.19	10	0.03	39	5	0.04	6	60	10	0.01	4	<1	5
KAM144616		<10	<1	0.17	30	0.03	75	2	0.03	2	90	10	0.01	8	<1	6
KAM144617		<10	<1	0.17	30	0.03	34	2	0.02	3	90	9	0.01	14	<1	7
KAM144618		<10	<1	0.16	20	0.02	19	2	0.03	2	70	6	0.01	3	<1	5
KAM144619		<10	<1	0.18	20	0.04	31	2	0.04	2	70	12	0.01	7	<1	8
KAM144620		10	<1	0.16	<10	0.81	487	7	0.12	31	590	2	0.05	<2	5	52
KAM144621		<10	<1	0.17	20	0.03	89	2	0.03	2	80	10	0.01	3	1	7
KAM144622		<10	<1	0.16	20	0.01	53	4	<0.01	2	90	18	0.01	15	<1	15
KAM144623		<10	<1	0.16	20	0.04	41	2	0.03	4	90	6	0.01	5	<1	7
KAM144624		<10	<1	0.19	30	0.05	51	1	0.04	7	130	11	0.01	6	1	8
KAM144625		<10	<1	0.22	30	0.05	93	2	0.05	2	120	8	0.01	5	<1	6
KAM144626		<10	<1	0.23	20	0.03	55	1	0.06	2	90	7	0.01	4	<1	6
KAM144627		<10	<1	0.14	20	0.02	36	1	0.02	2	60	10	0.01	6	<1	8



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Project: Coffee

**CERTIFICATE OF ANALYSIS WH13128752**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM144588		30	0.05	<10	<10	22	<10	18
KAM144589		40	0.02	<10	10	14	<10	19
KAM144590		<20	0.01	<10	10	176	10	446
KAM144591		40	<0.01	<10	30	5	<10	13
KAM144592		50	<0.01	<10	20	3	<10	11
KAM144593		40	0.04	<10	20	17	<10	32
KAM144594		40	0.02	<10	30	9	<10	24
KAM144595		40	0.02	<10	10	6	<10	17
KAM144596		40	<0.01	<10	20	5	<10	21
KAM144597		40	<0.01	<10	30	7	<10	34
KAM144598		40	<0.01	<10	20	7	<10	16
KAM144599		30	0.06	<10	<10	21	<10	26
KAM144600		<20	0.17	<10	<10	72	<10	47
KAM144601		<20	0.23	<10	<10	63	<10	63
KAM144602		<20	0.20	<10	<10	56	<10	54
KAM144603		30	0.07	<10	10	29	<10	42
KAM144604		40	<0.01	<10	20	2	<10	10
KAM144605		40	<0.01	<10	20	1	<10	6
KAM144606		40	<0.01	<10	20	1	<10	7
KAM144607		50	<0.01	<10	20	1	<10	5
KAM144608		50	<0.01	<10	20	2	<10	4
KAM144609		40	<0.01	<10	20	2	<10	5
KAM144610		<20	0.15	<10	<10	68	<10	194
KAM144611		40	<0.01	<10	10	1	<10	4
KAM144612		40	<0.01	<10	10	2	<10	6
KAM144613		40	0.01	<10	<10	3	<10	6
KAM144614		40	0.01	<10	10	1	<10	7
KAM144615		40	<0.01	<10	10	1	<10	8
KAM144616		40	<0.01	<10	10	1	<10	6
KAM144617		40	<0.01	<10	10	1	<10	7
KAM144618		40	<0.01	<10	10	<1	<10	3
KAM144619		40	<0.01	<10	10	3	<10	5
KAM144620		<20	0.15	<10	<10	70	<10	46
KAM144621		60	<0.01	<10	10	2	<10	6
KAM144622		40	<0.01	<10	20	2	<10	11
KAM144623		40	<0.01	<10	10	2	<10	6
KAM144624		40	<0.01	<10	10	6	<10	11
KAM144625		40	0.01	<10	10	3	<10	9
KAM144626		40	<0.01	<10	<10	1	<10	4
KAM144627		40	<0.01	<10	10	2	<10	5



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM144628		2.15	0.040	<0.2	0.34	68	<10	80	0.5	<2	0.04	<0.5	1	9	3	0.71
KAM144629		2.26	0.007	<0.2	0.52	45	<10	40	0.6	<2	0.07	<0.5	1	6	1	0.60
KAM144630		0.04	6.00	19.5	1.25	342	<10	30	0.5	4	0.82	7.6	14	36	740	5.79
KAM144631		1.99	0.011	<0.2	1.19	94	<10	110	1.1	<2	0.14	<0.5	6	31	2	2.04
KAM144632		2.17	0.002	<0.2	2.16	17	<10	200	1.0	<2	0.90	<0.5	8	47	1	3.44
KAM144633		2.03	0.001	<0.2	2.48	17	<10	630	0.7	<2	0.65	<0.5	14	95	2	3.55
KAM144634		2.24	0.002	<0.2	2.39	14	<10	420	0.7	<2	0.72	<0.5	16	77	4	3.67
KAM144635		1.91	0.003	<0.2	1.99	16	<10	220	0.6	<2	0.68	<0.5	12	55	4	2.71
KAM144636		1.91	0.002	<0.2	1.81	30	<10	220	0.6	2	1.05	<0.5	12	54	9	2.63
KAM144637		2.28	0.002	<0.2	2.35	19	<10	290	0.6	<2	1.53	<0.5	17	75	16	3.79
KAM144638		2.30	0.001	<0.2	2.47	15	<10	310	0.7	<2	1.91	<0.5	15	74	3	3.55
KAM144639		2.12	0.001	<0.2	2.10	15	<10	270	<0.5	<2	2.04	<0.5	13	52	7	3.22
KAM144640		0.04	0.004	<0.2	1.73	7	<10	110	<0.5	<2	0.96	<0.5	8	37	45	3.04
KAM144641		1.94	0.002	<0.2	1.83	153	<10	330	0.6	<2	0.71	<0.5	14	55	11	3.21
KAM144642		2.07	0.006	<0.2	1.16	327	<10	310	1.7	2	0.17	<0.5	15	34	9	3.71
KAM144643		2.12	0.072	<0.2	0.76	460	<10	160	1.7	<2	0.08	<0.5	8	19	3	2.42
KAM144644		2.04	0.005	<0.2	0.54	176	<10	40	0.6	<2	0.04	<0.5	1	7	2	0.64
KAM144645		2.07	0.006	<0.2	0.51	68	<10	40	0.6	<2	0.04	<0.5	1	6	1	0.70
KAM144646		2.13	0.017	<0.2	0.56	185	<10	40	0.7	<2	0.05	<0.5	1	8	1	0.74
KAM144647		2.16	0.018	<0.2	0.53	130	<10	30	0.6	<2	0.04	<0.5	1	6	1	0.53
KAM144648		2.02	0.012	<0.2	0.62	70	<10	30	0.6	<2	0.03	<0.5	1	5	1	0.38
KAM144649		1.99	0.007	<0.2	0.59	46	<10	120	<0.5	<2	0.02	<0.5	1	6	1	0.28
KAM144650		0.04	9.88	1.4	1.14	21	10	50	<0.5	<2	0.68	<0.5	11	30	55	3.23
KAM144651		2.14	0.007	<0.2	0.47	26	<10	40	0.5	<2	0.03	<0.5	<1	7	1	0.32
KAM144652		1.96	0.017	<0.2	1.21	102	<10	130	0.9	<2	0.13	<0.5	8	22	4	1.61
KAM144653		1.94	0.002	<0.2	2.85	59	<10	250	1.6	<2	0.46	<0.5	11	67	3	3.68
KAM144654		1.87	0.007	<0.2	2.98	36	<10	310	1.7	3	0.59	<0.5	14	77	3	4.30
KAM144655		1.67	0.002	<0.2	2.48	28	<10	280	1.3	<2	0.40	<0.5	14	62	7	2.96
KAM144656		1.98	0.004	<0.2	2.40	29	<10	250	1.0	<2	0.40	<0.5	11	55	7	3.05
KAM144657		2.00	0.002	<0.2	2.70	27	<10	260	1.0	<2	0.52	<0.5	14	63	7	3.25
KAM144658		1.93	0.001	<0.2	2.49	29	<10	250	0.8	<2	0.32	<0.5	14	58	8	3.05
KAM144659		1.80	<0.001	<0.2	2.38	45	<10	220	1.1	<2	0.26	<0.5	13	59	8	2.93
KAM144660		0.04	0.003	<0.2	1.79	4	<10	110	<0.5	<2	1.05	<0.5	8	36	46	3.17
KAM144661		1.81	0.001	<0.2	2.62	21	<10	270	1.3	<2	0.38	<0.5	15	60	3	3.11
KAM144662		2.44	0.003	<0.2	2.51	13	<10	1260	1.2	2	1.46	<0.5	15	74	5	4.02
KAM144663		2.10	0.001	<0.2	2.61	9	<10	1040	0.8	<2	1.53	<0.5	17	101	8	3.69
KAM144664		2.43	0.002	<0.2	2.13	15	<10	570	1.0	<2	1.95	<0.5	14	66	7	3.33
KAM144665		2.12	0.001	<0.2	2.85	32	<10	580	1.1	<2	0.55	<0.5	20	72	18	4.55
KAM144666		2.22	0.002	<0.2	2.31	157	<10	380	1.9	<2	0.38	<0.5	16	89	3	3.77
KAM144667		2.00	0.056	<0.2	1.45	567	<10	350	2.1	<2	0.28	<0.5	14	28	8	6.07



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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
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
KAM144628		<10	<1	0.22	20	0.04	52	1	0.02	2	110	8	0.01	7	1
KAM144629		<10	<1	0.19	30	0.08	44	1	0.04	2	120	5	0.01	3	<1
KAM144630		<10	<1	0.17	<10	0.60	506	13	0.07	31	580	656	3.30	8	4
KAM144631		<10	<1	0.72	30	0.55	241	1	0.03	21	350	7	0.01	5	3
KAM144632		10	<1	1.25	20	1.24	548	1	0.03	29	450	3	0.01	<2	4
KAM144633		10	<1	1.73	30	1.90	589	1	0.05	52	400	2	0.03	<2	7
KAM144634		10	<1	1.64	20	1.66	703	1	0.04	48	480	2	0.01	<2	5
KAM144635		10	<1	1.15	20	1.18	398	1	0.04	36	400	2	0.01	<2	4
KAM144636		<10	<1	0.98	20	0.98	403	2	0.02	39	430	4	0.01	<2	4
KAM144637		10	<1	1.21	20	1.38	684	1	0.03	48	420	3	0.01	<2	4
KAM144638		10	<1	1.25	20	1.58	611	2	0.04	46	570	3	0.01	<2	6
KAM144639		10	<1	0.91	10	1.28	544	2	0.06	35	650	3	0.03	<2	3
KAM144640		<10	<1	0.15	<10	0.77	461	7	0.11	30	570	2	0.05	2	5
KAM144641		10	<1	1.01	30	0.97	460	3	0.03	43	510	4	0.06	<2	5
KAM144642		<10	<1	0.52	40	0.27	958	2	0.01	40	460	7	0.01	6	4
KAM144643		<10	<1	0.35	30	0.11	428	2	0.01	21	250	11	0.01	27	2
KAM144644		<10	<1	0.21	30	0.03	102	2	<0.01	4	100	6	0.01	4	<1
KAM144645		<10	<1	0.17	30	0.02	111	2	0.01	2	80	4	0.01	2	<1
KAM144646		<10	<1	0.18	30	0.03	60	2	0.01	2	120	6	0.01	6	<1
KAM144647		<10	<1	0.19	20	0.02	77	1	0.01	2	110	6	<0.01	4	<1
KAM144648		<10	<1	0.21	20	0.02	59	1	0.01	2	100	8	<0.01	3	<1
KAM144649		<10	<1	0.16	20	0.01	354	2	<0.01	2	40	4	0.01	2	<1
KAM144650		<10	3	0.19	10	0.60	356	831	0.08	27	430	9	1.38	30	4
KAM144651		<10	<1	0.21	10	0.02	100	1	0.04	1	50	5	0.01	2	<1
KAM144652		<10	<1	0.62	30	0.44	387	<1	0.02	18	230	7	0.01	3	3
KAM144653		10	<1	1.30	30	1.54	596	<1	0.03	42	450	4	0.01	3	7
KAM144654		10	<1	1.24	40	1.76	850	<1	0.03	45	540	3	0.01	4	6
KAM144655		10	<1	1.14	40	1.26	413	1	0.02	44	530	6	0.01	2	6
KAM144656		10	<1	1.02	30	1.15	270	<1	0.01	40	490	2	<0.01	4	5
KAM144657		10	<1	1.09	20	1.38	330	<1	0.01	41	440	3	<0.01	4	5
KAM144658		10	<1	1.17	30	1.23	269	1	0.01	39	500	2	<0.01	<2	6
KAM144659		10	<1	1.23	30	1.13	257	<1	0.01	35	460	5	<0.01	2	6
KAM144660		10	<1	0.16	<10	0.79	476	6	0.13	30	550	<2	0.04	<2	5
KAM144661		10	<1	1.05	40	1.29	331	<1	0.02	40	410	2	0.01	3	5
KAM144662		10	<1	1.26	20	1.42	549	1	0.04	42	430	3	0.03	2	6
KAM144663		10	<1	1.51	30	1.56	453	4	0.05	80	410	3	0.09	3	7
KAM144664		10	<1	1.14	30	1.05	370	6	0.03	45	380	5	0.04	3	8
KAM144665		10	<1	1.67	40	1.61	460	<1	0.04	50	600	5	0.01	4	11
KAM144666		10	<1	1.04	40	1.02	774	1	0.02	44	490	8	0.01	6	8
KAM144667		10	1	0.52	40	0.39	981	1	0.01	28	740	21	0.06	20	5



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Project: Coffee

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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM144628		40	<0.01	<10	10	7	<10	8
KAM144629		40	0.01	<10	10	2	<10	6
KAM144630		<20	0.06	<10	<10	46	<10	1365
KAM144631		30	0.06	<10	10	18	<10	22
KAM144632		<20	0.12	<10	<10	33	<10	25
KAM144633		<20	0.18	<10	<10	65	<10	35
KAM144634		<20	0.20	<10	<10	60	<10	40
KAM144635		<20	0.12	<10	<10	40	<10	29
KAM144636		<20	0.10	<10	<10	33	<10	34
KAM144637		<20	0.16	<10	<10	48	<10	49
KAM144638		<20	0.14	<10	<10	55	<10	39
KAM144639		<20	0.12	<10	<10	39	<10	35
KAM144640		<20	0.14	<10	<10	66	<10	44
KAM144641		<20	0.12	<10	<10	45	<10	36
KAM144642		<20	0.03	<10	10	31	<10	65
KAM144643		30	0.01	<10	30	14	<10	37
KAM144644		40	<0.01	<10	10	2	<10	8
KAM144645		40	<0.01	<10	10	1	<10	7
KAM144646		40	<0.01	<10	10	3	<10	11
KAM144647		40	<0.01	<10	10	1	<10	8
KAM144648		40	<0.01	<10	10	1	<10	5
KAM144649		40	<0.01	<10	10	<1	<10	2
KAM144650		<20	0.09	<10	<10	54	20	53
KAM144651		40	<0.01	<10	<10	1	<10	2
KAM144652		30	0.05	<10	10	16	<10	23
KAM144653		<20	0.12	<10	<10	49	<10	33
KAM144654		<20	0.12	<10	<10	52	<10	35
KAM144655		<20	0.11	<10	<10	44	<10	36
KAM144656		<20	0.10	<10	<10	38	<10	35
KAM144657		<20	0.10	<10	<10	49	<10	39
KAM144658		<20	0.12	<10	<10	45	<10	38
KAM144659		<20	0.13	<10	<10	46	<10	37
KAM144660		<20	0.16	<10	<10	67	<10	47
KAM144661		20	0.10	<10	<10	44	<10	30
KAM144662		<20	0.15	<10	<10	56	<10	30
KAM144663		<20	0.16	<10	<10	60	<10	32
KAM144664		<20	0.12	<10	<10	54	<10	40
KAM144665		<20	0.19	<10	<10	81	<10	42
KAM144666		<20	0.09	<10	<10	55	<10	41
KAM144667		<20	0.02	<10	10	41	<10	88



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM144668		1.81	0.060	<0.2	0.77	491	<10	170	1.5	<2	0.30	<0.5	11	13	6	3.56
KAM144669		1.70	0.144	<0.2	0.96	1630	10	70	2.8	<2	0.29	<0.5	18	42	25	5.15
KAM144670		0.04	2.05	0.3	1.85	9	<10	120	<0.5	<2	1.04	<0.5	11	32	34	3.05
KAM144671		2.01	0.426	<0.2	0.77	4100	10	100	2.1	<2	0.22	<0.5	7	23	6	4.17
KAM144672		2.05	3.29	<0.2	0.76	4160	<10	190	2.9	<2	0.29	<0.5	17	31	2	4.96
KAM144673		2.01	2.38	0.2	0.51	2250	<10	200	2.3	<2	0.15	<0.5	8	56	4	4.01
KAM144674		2.32	3.44	<0.2	0.59	1605	<10	260	2.1	2	0.13	<0.5	17	18	4	2.67
KAM144675		1.95	0.223	<0.2	0.58	464	<10	80	1.1	<2	0.10	<0.5	3	6	2	1.18
KAM144676		1.87	0.156	<0.2	0.61	174	<10	70	0.8	<2	0.05	<0.5	1	5	2	0.67
KAM144677		2.29	0.018	<0.2	0.46	49	<10	60	0.7	<2	0.07	<0.5	1	7	1	0.78
KAM144678		2.17	0.013	<0.2	0.50	68	<10	60	0.7	<2	0.07	<0.5	1	6	1	0.77
KAM144679		2.48	0.010	<0.2	0.46	65	<10	70	0.7	<2	0.08	<0.5	1	7	1	0.83
KAM144680		0.04	0.002	<0.2	1.86	7	<10	110	<0.5	<2	1.08	<0.5	8	37	47	3.28
KAM144681		1.94	0.008	<0.2	0.41	26	<10	50	0.6	<2	0.07	<0.5	1	8	1	0.60
KAM144682		2.10	0.003	<0.2	0.45	21	<10	40	0.6	<2	0.06	<0.5	<1	7	1	0.53
KAM144683		1.89	0.010	<0.2	0.59	29	<10	40	0.6	<2	0.06	<0.5	<1	5	<1	0.41
KAM144684		1.92	0.014	<0.2	0.63	16	<10	40	0.5	2	0.06	<0.5	<1	4	<1	0.36
KAM144685		1.94	0.004	<0.2	0.49	37	<10	40	0.5	<2	0.04	<0.5	<1	6	1	0.34
KAM144686		2.04	0.004	<0.2	1.49	502	<10	300	1.6	<2	0.15	<0.5	13	46	3	2.58
KAM144687		1.89	0.002	<0.2	2.03	113	<10	240	1.2	<2	0.17	<0.5	14	56	8	2.65
KAM144688		1.67	0.002	<0.2	2.24	71	<10	250	0.8	<2	0.22	<0.5	16	58	12	2.48
KAM144689		1.98	0.002	<0.2	1.89	137	<10	170	0.8	<2	0.15	<0.5	10	49	13	2.12
KAM144690		0.04	1.230	1.4	1.54	14	<10	1210	<0.5	<2	1.02	0.9	9	33	71	3.09
KAM144691		1.87	0.023	<0.2	1.28	1365	<10	220	1.0	<2	0.07	<0.5	5	45	11	3.50
KAM144692		1.88	0.012	<0.2	0.75	805	<10	280	0.7	<2	0.05	<0.5	2	18	3	2.25
KAM144693		1.88	0.015	<0.2	0.60	330	<10	280	1.1	<2	0.03	<0.5	4	9	3	1.38
KAM144694		2.05	0.025	<0.2	1.33	455	<10	340	2.1	<2	0.15	<0.5	17	55	6	3.67
KAM144695		1.83	0.005	<0.2	2.42	174	<10	200	1.8	<2	0.18	<0.5	11	83	8	3.36
KAM144696		1.98	0.005	<0.2	2.00	203	<10	260	1.4	<2	0.16	<0.5	14	53	7	3.15
KAM144697		1.99	0.028	0.2	1.40	545	<10	180	1.6	<2	0.15	<0.5	14	39	21	3.19
KAM144698		2.28	0.126	0.2	1.14	1100	<10	250	2.1	<2	0.12	<0.5	9	28	9	2.74
KAM144699		1.61	0.272	<0.2	1.08	658	<10	180	1.3	<2	0.08	<0.5	6	23	4	2.02
KAM144700		0.04	0.003	<0.2	1.82	9	<10	110	<0.5	<2	1.00	<0.5	8	36	46	3.13
KAM144701		1.99	1.010	<0.2	0.59	133	<10	60	0.8	<2	0.05	<0.5	2	9	2	0.67
KAM144702		1.91	0.267	0.2	0.65	325	<10	150	1.1	2	0.05	<0.5	4	7	3	0.94
KAM144703		1.86	1.110	0.2	0.61	170	<10	40	0.8	<2	0.04	<0.5	1	6	6	0.73
KAM144704		2.23	0.928	0.2	0.53	131	10	40	0.7	<2	0.02	<0.5	1	6	1	0.71
KAM144705		2.04	1.920	0.2	0.58	230	10	80	0.8	<2	0.03	<0.5	3	6	2	0.78
KAM144706		1.68	2.33	0.2	0.57	269	10	60	0.7	<2	0.03	<0.5	2	8	3	0.83
KAM144707		1.64	8.01	0.4	0.75	1355	<10	230	0.8	<2	0.09	<0.5	3	17	18	2.54





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Sample Description	Method Analyte Units LOR	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	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KAM144668		<10	1	0.15	20	0.10	802	1	0.01	14	990	35	0.01	15	2	23
KAM144669		10	2	0.18	20	0.07	233	2	0.01	33	770	127	<0.01	50	9	31
KAM144670		10	<1	0.16	<10	0.86	469	2	0.11	25	610	5	0.05	2	6	48
KAM144671		<10	5	0.20	20	0.05	63	4	0.01	19	390	32	<0.01	68	7	36
KAM144672		<10	5	0.27	20	0.08	412	4	0.01	29	450	36	0.01	102	6	32
KAM144673		<10	2	0.18	20	0.07	222	2	0.01	29	240	42	0.01	152	3	32
KAM144674		<10	2	0.23	10	0.06	828	2	0.01	15	190	81	0.01	71	2	47
KAM144675		<10	1	0.20	20	0.04	252	<1	0.01	4	100	29	0.01	35	1	27
KAM144676		<10	<1	0.17	20	0.03	188	<1	0.01	2	80	24	0.01	14	<1	16
KAM144677		<10	<1	0.20	30	0.06	147	1	0.04	2	110	5	<0.01	4	1	10
KAM144678		<10	<1	0.21	30	0.07	157	<1	0.04	1	120	7	<0.01	7	1	12
KAM144679		<10	<1	0.18	30	0.07	182	1	0.04	2	120	9	<0.01	7	1	16
KAM144680		10	<1	0.17	<10	0.83	492	7	0.13	30	580	2	0.05	<2	5	54
KAM144681		<10	<1	0.19	30	0.06	170	1	0.07	1	120	6	<0.01	3	<1	10
KAM144682		<10	<1	0.20	20	0.04	123	<1	0.05	1	90	2	0.01	3	<1	8
KAM144683		<10	<1	0.17	20	0.04	136	<1	0.03	1	70	3	0.01	2	<1	10
KAM144684		<10	<1	0.17	20	0.04	114	<1	0.02	1	70	3	<0.01	<2	<1	9
KAM144685		<10	<1	0.21	20	0.04	102	<1	0.02	1	70	5	<0.01	3	<1	7
KAM144686		10	<1	0.65	40	0.51	1155	1	0.01	48	400	8	0.01	14	6	13
KAM144687		10	<1	1.03	30	0.92	493	2	<0.01	50	480	8	<0.01	5	9	9
KAM144688		10	<1	1.03	20	0.92	242	1	<0.01	39	460	10	<0.01	2	8	10
KAM144689		10	<1	0.84	40	0.65	156	2	<0.01	26	560	5	<0.01	5	8	8
KAM144690		10	<1	0.13	<10	0.75	469	7	0.09	32	560	81	0.09	2	5	60
KAM144691		<10	2	0.42	40	0.26	61	6	<0.01	17	330	10	0.06	176	7	32
KAM144692		<10	1	0.24	20	0.05	488	4	<0.01	6	140	6	0.04	105	2	20
KAM144693		<10	<1	0.23	20	0.04	872	2	<0.01	15	110	21	0.01	10	1	19
KAM144694		<10	<1	0.38	40	0.29	1170	1	<0.01	48	390	31	<0.01	8	10	22
KAM144695		10	<1	0.84	40	0.77	587	<1	<0.01	45	560	24	<0.01	7	11	18
KAM144696		10	<1	0.80	30	0.69	725	1	<0.01	43	440	24	<0.01	4	8	11
KAM144697		<10	<1	0.38	30	0.23	489	2	<0.01	44	430	44	<0.01	11	7	21
KAM144698		<10	<1	0.42	30	0.12	607	2	<0.01	21	280	37	<0.01	43	4	20
KAM144699		<10	1	0.41	30	0.09	413	2	<0.01	17	190	33	<0.01	20	3	17
KAM144700		10	<1	0.16	<10	0.78	466	8	0.12	31	570	2	0.04	<2	5	53
KAM144701		<10	<1	0.31	20	0.04	131	1	<0.01	8	60	21	<0.01	5	1	10
KAM144702		<10	<1	0.31	40	0.03	415	2	<0.01	4	100	28	<0.01	5	<1	32
KAM144703		<10	<1	0.35	50	0.03	51	2	<0.01	3	90	21	<0.01	2	<1	21
KAM144704		<10	<1	0.32	30	0.02	38	6	<0.01	2	70	19	<0.01	2	<1	14
KAM144705		<10	<1	0.33	20	0.03	198	2	<0.01	4	60	25	<0.01	3	<1	17
KAM144706		<10	<1	0.32	20	0.02	123	2	<0.01	6	70	21	<0.01	2	<1	28
KAM144707		<10	<1	0.42	20	0.05	212	3	<0.01	11	210	28	0.16	8	4	75



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**CERTIFICATE OF ANALYSIS WH13128752**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	10	2
KAM144668		<20	0.01	<10	10	25	<10	54
KAM144669		<20	<0.01	<10	30	95	<10	72
KAM144670		<20	0.17	<10	<10	73	20	56
KAM144671		<20	<0.01	<10	170	32	<10	59
KAM144672		<20	<0.01	10	180	39	<10	66
KAM144673		<20	<0.01	<10	110	31	<10	57
KAM144674		20	<0.01	10	90	20	<10	72
KAM144675		40	<0.01	<10	20	7	<10	91
KAM144676		40	<0.01	<10	10	4	<10	27
KAM144677		40	0.01	<10	<10	3	<10	10
KAM144678		40	0.01	<10	<10	3	<10	9
KAM144679		40	0.01	<10	<10	3	<10	9
KAM144680		<20	0.16	<10	<10	69	<10	48
KAM144681		40	0.01	<10	<10	2	<10	6
KAM144682		40	<0.01	<10	<10	2	<10	2
KAM144683		40	<0.01	<10	<10	1	<10	3
KAM144684		40	<0.01	<10	<10	1	<10	3
KAM144685		40	<0.01	<10	<10	1	<10	7
KAM144686		20	0.05	<10	10	37	<10	39
KAM144687		<20	0.11	<10	<10	48	<10	46
KAM144688		<20	0.11	<10	<10	47	<10	40
KAM144689		<20	0.09	<10	10	46	<10	33
KAM144690		<20	0.14	<10	<10	63	<10	189
KAM144691		<20	0.04	<10	30	50	<10	17
KAM144692		20	0.01	10	20	15	<10	21
KAM144693		30	<0.01	<10	10	10	<10	19
KAM144694		20	0.02	<10	30	51	<10	64
KAM144695		<20	0.08	<10	10	55	<10	51
KAM144696		<20	0.08	<10	10	43	<10	44
KAM144697		<20	0.02	<10	20	39	<10	56
KAM144698		20	0.01	<10	30	27	<10	32
KAM144699		30	<0.01	<10	10	14	<10	23
KAM144700		<20	0.15	<10	<10	66	<10	46
KAM144701		30	<0.01	<10	<10	4	<10	7
KAM144702		30	<0.01	<10	10	2	<10	6
KAM144703		30	<0.01	<10	10	2	<10	5
KAM144704		30	<0.01	<10	10	1	<10	2
KAM144705		30	<0.01	<10	10	2	<10	4
KAM144706		30	<0.01	<10	10	3	<10	5
KAM144707		20	<0.01	<10	10	14	<10	20



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**CERTIFICATE OF ANALYSIS WH13128752**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 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	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
KAM144708		1.47	0.135	0.2	2.22	600	<10	180	3.8	<2	0.18	<0.5	21	91	45	3.43
KAM144709		1.47	0.086	<0.2	3.09	46	<10	200	2.3	<2	0.88	<0.5	29	106	60	4.40
KAM144710		0.04	6.05	17.0	1.25	324	<10	30	<0.5	4	0.79	7.3	14	32	702	5.51
KAM144711		1.67	5.15	<0.2	2.34	1050	<10	350	2.7	<2	2.17	<0.5	25	106	24	4.39
KAM144712		1.87	0.038	<0.2	0.78	332	<10	110	1.7	<2	0.21	<0.5	9	18	23	1.69
KAM144713		1.88	0.017	<0.2	1.39	195	<10	110	1.1	<2	1.54	<0.5	11	45	16	2.07
KAM144714		2.19	0.099	<0.2	0.69	38	<10	40	0.6	<2	1.18	<0.5	5	16	12	1.30
KAM144715		2.11	0.024	<0.2	1.50	19	<10	120	1.1	<2	2.69	<0.5	10	36	7	2.09
KAM144716		2.18	0.023	<0.2	1.03	25	<10	120	0.9	<2	2.73	<0.5	8	12	33	1.93
KAM144717		2.15	0.019	<0.2	0.89	25	<10	100	0.9	<2	2.13	<0.5	7	15	19	1.76
KAM144718		1.75	0.026	<0.2	2.29	44	<10	290	2.3	<2	6.47	<0.5	25	73	16	4.01
KAM144719		2.11	0.024	<0.2	1.04	19	<10	100	0.6	<2	1.00	<0.5	6	35	11	1.56
KAM144720		0.05	0.003	<0.2	1.85	8	<10	110	<0.5	<2	1.01	<0.5	9	36	45	3.16
KAM144721		2.14	0.033	<0.2	2.54	13	<10	300	<0.5	<2	1.71	<0.5	15	48	27	3.21
KAM144722		1.74	0.016	<0.2	1.87	16	<10	210	<0.5	<2	2.66	<0.5	11	33	17	2.41
KAM144723		1.94	0.016	<0.2	1.07	13	<10	70	0.5	<2	1.30	<0.5	6	33	10	1.55
KAM144724		2.14	0.010	<0.2	1.02	9	<10	140	0.5	<2	0.97	<0.5	5	43	17	1.52
KAM144725		1.13	0.011	<0.2	0.74	10	<10	70	<0.5	<2	0.55	<0.5	2	16	8	1.11
KAM144726		1.93	0.006	<0.2	0.70	6	<10	70	0.5	<2	0.56	<0.5	3	14	21	1.40
KAM144727		2.55	0.009	<0.2	1.30	6	<10	140	0.9	<2	1.92	<0.5	8	31	12	2.09
KAM144728		1.95	0.003	<0.2	0.51	3	<10	30	0.6	<2	0.32	<0.5	1	16	6	0.96
KAM144729		1.73	0.057	<0.2	0.76	6	<10	50	0.7	<2	0.49	<0.5	3	18	8	1.66
KAM144730		0.04	0.803	0.7	0.74	215	10	80	1.1	16	18.7	1.7	3	26	82	2.52
KAM144731		2.42	0.004	<0.2	1.56	6	<10	130	0.9	<2	2.15	<0.5	9	27	24	2.77
KAM144732		2.18	0.003	<0.2	1.93	4	<10	190	0.7	<2	3.51	<0.5	16	47	11	3.31
KAM144733		1.65	0.014	<0.2	2.31	11	<10	260	0.5	<2	3.20	<0.5	12	39	16	2.96
KAM144734		1.41	3.36	<0.2	0.86	1570	10	260	2.2	<2	0.14	<0.5	16	20	4	2.78



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Sample Description	Method Analyte Units LOR	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	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
KAM144708		10	1	0.54	20	0.24	163	1	<0.01	67	620	22	0.12	12	14	92
KAM144709		10	<1	0.78	30	1.77	557	2	0.01	82	640	26	<0.01	9	12	29
KAM144710		<10	<1	0.16	<10	0.58	469	13	0.06	29	550	621	3.17	9	4	35
KAM144711		10	<1	0.71	20	1.39	1395	1	<0.01	83	780	16	<0.01	10	12	39
KAM144712		<10	<1	0.35	20	0.11	348	<1	<0.01	21	250	14	<0.01	4	3	26
KAM144713		<10	<1	0.42	20	0.87	430	3	0.02	38	300	6	<0.01	3	5	29
KAM144714		<10	<1	0.30	20	0.35	228	4	0.04	10	210	5	0.01	2	1	33
KAM144715		<10	<1	0.50	20	0.89	401	6	0.01	37	440	6	<0.01	3	5	34
KAM144716		<10	<1	0.35	20	0.61	380	8	0.03	10	580	7	0.05	5	2	76
KAM144717		<10	<1	0.30	20	0.48	377	3	0.02	14	370	4	0.01	4	2	50
KAM144718		10	<1	0.53	10	1.64	798	1	0.01	103	790	8	<0.01	4	14	123
KAM144719		<10	<1	0.36	20	0.62	293	2	0.06	20	290	6	<0.01	2	3	31
KAM144720		10	<1	0.16	<10	0.79	464	7	0.12	31	580	2	0.04	<2	5	55
KAM144721		10	<1	0.72	20	1.89	645	1	0.09	31	920	6	0.02	<2	6	71
KAM144722		10	<1	0.55	20	1.31	439	3	0.05	25	640	5	0.01	<2	4	83
KAM144723		<10	<1	0.47	20	0.75	284	4	0.06	24	240	5	0.01	<2	2	64
KAM144724		<10	<1	0.52	20	0.65	275	3	0.06	18	290	4	<0.01	<2	2	61
KAM144725		<10	<1	0.43	20	0.34	188	2	0.05	6	160	5	<0.01	<2	1	34
KAM144726		<10	<1	0.38	20	0.31	273	2	0.07	5	190	7	<0.01	<2	1	29
KAM144727		<10	<1	0.53	20	0.94	474	2	0.04	20	420	7	<0.01	<2	3	81
KAM144728		<10	<1	0.33	20	0.11	175	3	0.08	4	70	7	<0.01	<2	<1	16
KAM144729		<10	<1	0.39	40	0.35	310	3	0.06	4	210	6	<0.01	<2	1	34
KAM144730		<10	1	0.20	10	3.63	1850	70	<0.01	84	1100	19	0.65	10	4	207
KAM144731		<10	<1	0.69	40	1.09	542	5	0.05	20	710	12	0.01	<2	3	94
KAM144732		<10	<1	0.61	20	1.52	656	2	0.03	41	980	15	0.01	2	5	135
KAM144733		10	1	0.70	20	1.67	563	2	0.06	27	810	6	0.01	<2	5	94
KAM144734		<10	2	0.31	10	0.08	839	2	<0.01	17	210	77	<0.01	74	3	59



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	Zn
		ppm	%	ppm	ppm	ppm	ppm
		20	0.01	10	10	1	2
KAM144708		<20	0.01	<10	20	80	<10
KAM144709		<20	0.04	<10	<10	79	<10
KAM144710		<20	0.06	<10	<10	43	<10
KAM144711		<20	0.01	<10	10	77	<10
KAM144712		30	<0.01	<10	<10	23	<10
KAM144713		30	0.02	<10	<10	38	<10
KAM144714		30	0.01	<10	<10	13	<10
KAM144715		20	0.04	<10	10	47	<10
KAM144716		20	0.01	<10	10	23	<10
KAM144717		30	0.01	<10	10	22	<10
KAM144718		<20	0.04	<10	10	103	<10
KAM144719		30	0.02	<10	<10	24	<10
KAM144720		<20	0.15	<10	<10	66	<10
KAM144721		20	0.07	<10	<10	76	<10
KAM144722		20	0.04	<10	<10	45	<10
KAM144723		30	0.02	<10	<10	21	<10
KAM144724		30	0.03	<10	<10	21	<10
KAM144725		30	0.02	<10	<10	12	150
KAM144726		40	0.01	<10	<10	10	50
KAM144727		20	0.02	<10	<10	28	10
KAM144728		40	<0.01	<10	<10	2	<10
KAM144729		40	0.01	<10	<10	10	<10
KAM144730		<20	0.01	<10	10	183	10
KAM144731		20	0.04	<10	<10	33	<10
KAM144732		<20	0.03	<10	<10	43	<10
KAM144733		20	0.06	<10	<10	61	<10
KAM144734		20	<0.01	10	90	22	<10



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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-31	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-ICP21	ME-ICP41	