



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: 18-JUL-2013  
Account: KAMGOL

**CERTIFICATE WH13121867**

Project: Coffee

P.O. No.: KGC-13-1231

This report is for 148 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 9-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 WH13121867**

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
KAM143758		1.78	0.048	<0.2	0.92	119	<10	150	<0.5	2	0.26	<0.5	6	20	12	1.76
KAM143759		1.66	0.014	<0.2	1.07	58	<10	180	0.6	<2	0.28	<0.5	7	19	12	1.85
KAM143760		0.07	0.020	<0.2	1.80	5	10	110	<0.5	2	1.03	<0.5	8	37	46	3.17
KAM143761		1.54	0.007	<0.2	1.13	46	<10	130	0.8	<2	0.20	<0.5	6	13	9	1.80
KAM143762		1.09	0.013	<0.2	1.25	56	<10	170	0.9	<2	0.25	<0.5	7	14	12	1.92
KAM143763		1.10	0.006	<0.2	1.06	27	<10	180	0.7	2	0.17	<0.5	5	7	25	1.43
KAM143764		1.90	0.006	<0.2	1.17	36	<10	220	0.8	<2	0.18	<0.5	6	9	15	1.54
KAM143765		1.69	0.005	<0.2	0.81	37	<10	160	0.8	<2	0.33	<0.5	4	5	9	0.86
KAM143766		1.80	0.005	<0.2	0.62	112	<10	120	0.5	77	0.08	<0.5	2	5	55	0.81
KAM143767		1.90	0.010	<0.2	0.65	144	<10	130	0.8	4	0.07	<0.5	4	5	28	1.31
KAM143768		1.89	0.013	<0.2	0.65	236	<10	200	0.8	3	0.07	<0.5	4	5	26	1.55
KAM143769		1.97	0.011	<0.2	0.53	82	<10	160	<0.5	<2	0.03	<0.5	2	4	18	0.67
KAM143770		0.07	5.70	18.6	1.23	343	<10	30	<0.5	2	0.81	7.1	13	34	759	5.62
KAM143771		2.19	0.005	<0.2	0.58	71	<10	130	<0.5	<2	0.05	<0.5	4	4	40	0.88
KAM143772		2.13	0.010	0.4	0.59	72	<10	90	<0.5	2	0.04	<0.5	6	4	34	0.63
KAM143773		2.16	0.013	<0.2	0.72	116	<10	170	0.7	<2	0.24	<0.5	8	5	27	0.93
KAM143774		2.61	0.005	<0.2	1.07	32	<10	980	0.9	<2	1.95	<0.5	7	14	13	1.54
KAM143775		2.32	0.004	<0.2	1.12	53	<10	180	0.9	<2	1.01	<0.5	6	8	12	1.61
KAM143776		2.14	0.006	<0.2	0.70	224	<10	100	0.9	<2	0.95	<0.5	5	15	19	1.29
KAM143777		1.89	0.010	<0.2	0.80	386	<10	210	0.7	<2	0.49	<0.5	5	11	35	1.31
KAM143778		2.19	0.007	<0.2	0.73	156	<10	90	0.8	<2	1.31	<0.5	6	8	49	1.51
KAM143779		2.37	0.011	<0.2	0.62	690	<10	3050	0.6	<2	2.33	<0.5	4	7	22	1.44
KAM143780		0.07	0.002	<0.2	1.75	7	<10	100	<0.5	<2	0.95	<0.5	9	36	46	3.10
KAM143781		2.27	0.007	<0.2	0.88	58	<10	180	0.7	<2	0.68	<0.5	5	11	18	1.46
KAM143782		2.30	0.005	<0.2	1.27	55	<10	150	0.9	<2	0.63	<0.5	7	48	6	1.94
KAM143783		2.55	0.002	<0.2	0.95	15	<10	110	0.5	<2	0.88	<0.5	4	10	5	1.89
KAM143784		1.92	0.004	<0.2	0.82	62	<10	120	0.6	<2	0.40	<0.5	4	12	8	1.55
KAM143785		2.30	0.004	<0.2	0.99	55	<10	80	0.8	<2	0.44	<0.5	5	11	9	1.56
KAM143786		1.99	0.006	<0.2	0.67	562	<10	520	1.1	<2	1.92	<0.5	4	8	15	1.62
KAM143787		2.42	0.002	<0.2	0.55	996	<10	520	0.9	<2	2.64	<0.5	6	8	46	2.25
KAM143788		1.92	0.006	<0.2	0.42	1200	<10	1170	0.8	<2	2.85	<0.5	4	10	10	1.75
KAM143789		2.30	0.007	<0.2	1.09	414	<10	580	2.3	<2	7.4	<0.5	24	30	33	4.74
KAM143790		0.08	0.774	0.5	0.67	213	<10	70	1.1	8	18.9	1.7	5	25	89	2.49
KAM143791		2.00	0.004	<0.2	2.14	97	<10	340	1.2	<2	2.89	<0.5	16	28	23	3.33
KAM143792		1.78	0.004	<0.2	3.32	59	<10	600	0.7	<2	3.30	<0.5	24	33	43	3.85
KAM143793		2.12	0.009	<0.2	3.01	115	<10	560	1.0	<2	3.01	<0.5	27	33	63	4.29
KAM143794		2.04	0.029	<0.2	1.93	1770	10	260	1.5	<2	1.85	<0.5	19	15	21	3.60
KAM143795		2.46	0.011	<0.2	2.23	199	<10	290	0.6	<2	1.26	<0.5	18	20	30	3.38
KAM143796		1.97	0.014	<0.2	3.07	102	<10	410	0.7	<2	1.05	<0.5	20	23	27	3.90
KAM143797		2.79	0.017	<0.2	2.37	65	<10	1130	<0.5	<2	1.26	<0.5	21	23	113	3.70



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**CERTIFICATE OF ANALYSIS WH13121867**

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
KAM143758		<10	<1	0.16	20	0.29	244	1	0.03	10	330	18	<0.01	2	3	26
KAM143759		<10	<1	0.40	20	0.47	262	<1	0.03	10	470	8	<0.01	2	4	47
KAM143760		10	<1	0.16	<10	0.80	468	7	0.12	30	570	<2	0.03	<2	5	53
KAM143761		<10	<1	0.57	30	0.47	211	<1	0.03	7	480	9	<0.01	3	4	20
KAM143762		<10	<1	0.60	40	0.50	312	1	0.03	7	600	10	<0.01	4	6	20
KAM143763		<10	<1	0.67	40	0.46	339	<1	0.04	5	490	8	<0.01	<2	3	12
KAM143764		<10	<1	0.69	40	0.45	398	<1	0.04	6	500	8	<0.01	2	4	20
KAM143765		<10	<1	0.38	30	0.17	396	<1	0.02	4	300	6	<0.01	<2	2	12
KAM143766		<10	1	0.27	30	0.03	178	<1	<0.01	2	80	12	0.01	5	1	15
KAM143767		<10	1	0.33	40	0.05	278	<1	<0.01	3	190	8	0.01	6	1	14
KAM143768		<10	1	0.28	40	0.04	486	1	<0.01	3	200	11	0.01	8	1	38
KAM143769		<10	1	0.26	30	0.03	182	1	0.01	2	90	8	0.01	3	<1	19
KAM143770		<10	1	0.17	<10	0.58	498	13	0.06	30	570	646	3.17	6	4	35
KAM143771		<10	1	0.27	30	0.03	304	<1	<0.01	3	150	13	0.01	6	1	19
KAM143772		<10	<1	0.25	30	0.03	191	<1	<0.01	2	100	112	0.01	6	<1	19
KAM143773		<10	<1	0.35	40	0.07	352	<1	0.01	3	230	7	0.01	3	1	25
KAM143774		<10	<1	0.68	40	0.46	327	1	0.03	6	430	10	0.07	<2	3	123
KAM143775		<10	1	0.73	40	0.48	294	<1	0.04	5	480	4	0.01	2	3	52
KAM143776		<10	<1	0.35	30	0.19	218	1	0.03	6	220	7	0.01	3	2	30
KAM143777		<10	1	0.19	30	0.08	174	1	<0.01	4	130	9	0.01	7	2	28
KAM143778		<10	1	0.21	30	0.10	181	1	0.01	5	210	6	0.01	4	2	31
KAM143779		<10	1	0.15	40	0.06	254	1	<0.01	6	170	12	0.08	6	3	104
KAM143780		10	1	0.16	<10	0.76	462	7	0.12	31	570	2	0.05	<2	5	50
KAM143781		<10	<1	0.40	40	0.27	157	1	0.03	5	260	6	0.01	3	3	40
KAM143782		10	<1	0.72	40	0.73	239	1	0.04	14	380	5	0.01	<2	3	43
KAM143783		10	<1	0.63	50	0.39	187	1	0.06	4	420	3	0.01	<2	2	54
KAM143784		<10	<1	0.52	40	0.38	193	1	0.05	6	340	5	0.01	3	3	77
KAM143785		<10	<1	0.51	40	0.39	173	<1	0.04	5	260	5	0.01	4	3	35
KAM143786		<10	1	0.16	40	0.06	254	1	<0.01	6	210	8	0.02	13	3	53
KAM143787		<10	1	0.19	40	0.50	263	1	<0.01	5	250	8	0.41	8	3	200
KAM143788		<10	2	0.14	20	0.08	383	1	<0.01	7	190	9	0.05	21	3	89
KAM143789		<10	3	0.11	10	0.75	918	<1	<0.01	11	300	13	0.13	12	37	113
KAM143790		<10	2	0.19	20	3.66	1880	69	0.01	85	1130	22	0.65	5	4	228
KAM143791		10	1	1.08	20	1.27	538	1	0.03	9	450	4	0.01	6	10	79
KAM143792		10	1	1.56	20	2.51	678	<1	0.06	18	250	3	0.01	<2	9	60
KAM143793		10	1	1.38	10	1.93	696	<1	0.06	12	610	2	0.02	3	12	58
KAM143794		10	1	0.76	30	0.89	635	1	0.02	9	380	8	0.01	31	13	45
KAM143795		10	<1	0.79	20	1.43	471	<1	0.06	7	550	2	0.01	9	7	42
KAM143796		10	<1	1.39	10	2.46	606	<1	0.06	8	250	3	0.01	2	7	43
KAM143797		10	<1	0.36	<10	1.36	491	<1	0.11	9	370	<2	0.04	<2	8	46



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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
KAM143758		20	0.05	<10	<10	29	<10	24
KAM143759		<20	0.05	<10	<10	36	<10	25
KAM143760		<20	0.16	<10	<10	68	<10	44
KAM143761		20	0.04	<10	<10	22	<10	23
KAM143762		20	0.04	<10	<10	23	<10	25
KAM143763		20	0.05	<10	<10	11	<10	24
KAM143764		20	0.05	<10	<10	16	<10	22
KAM143765		20	0.01	<10	<10	6	<10	13
KAM143766		20	<0.01	<10	<10	5	<10	6
KAM143767		20	<0.01	<10	<10	9	<10	13
KAM143768		20	<0.01	<10	<10	9	<10	17
KAM143769		20	<0.01	<10	<10	2	<10	4
KAM143770		<20	0.06	<10	<10	44	<10	1390
KAM143771		20	<0.01	<10	<10	2	<10	11
KAM143772		20	<0.01	<10	<10	2	<10	5
KAM143773		20	0.01	<10	<10	4	<10	13
KAM143774		20	0.05	<10	<10	15	<10	17
KAM143775		20	0.05	<10	<10	12	<10	19
KAM143776		30	0.02	<10	<10	11	<10	12
KAM143777		30	0.01	<10	<10	10	<10	12
KAM143778		20	0.01	<10	<10	12	<10	15
KAM143779		20	<0.01	<10	<10	13	<10	14
KAM143780		<20	0.14	<10	<10	65	<10	47
KAM143781		20	0.03	<10	<10	14	<10	18
KAM143782		20	0.09	<10	<10	25	<10	20
KAM143783		20	0.11	<10	<10	18	<10	12
KAM143784		20	0.05	<10	<10	18	<10	15
KAM143785		20	0.05	<10	<10	15	<10	17
KAM143786		20	<0.01	<10	<10	13	<10	16
KAM143787		20	<0.01	<10	<10	11	<10	18
KAM143788		20	<0.01	<10	<10	18	<10	16
KAM143789		<20	<0.01	<10	<10	152	<10	64
KAM143790		<20	0.01	<10	10	173	10	474
KAM143791		<20	0.13	<10	<10	61	<10	49
KAM143792		<20	0.12	<10	<10	73	<10	53
KAM143793		<20	0.16	<10	<10	84	<10	64
KAM143794		20	0.03	<10	<10	58	<10	45
KAM143795		<20	0.12	<10	<10	61	<10	41
KAM143796		<20	0.14	<10	<10	70	<10	63
KAM143797		<20	0.07	<10	<10	63	<10	53



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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
KAM143798		2.45	0.029	<0.2	2.24	116	<10	650	<0.5	<2	1.30	<0.5	18	12	58	3.14
KAM143799		1.99	0.034	<0.2	3.21	386	<10	670	1.6	<2	2.57	<0.5	24	45	34	5.19
KAM143800		0.07	0.002	<0.2	1.77	7	<10	100	<0.5	<2	0.99	<0.5	9	37	47	3.14
KAM143801		2.48	0.011	<0.2	2.11	99	<10	440	<0.5	<2	2.02	<0.5	21	11	69	3.53
KAM143802		2.45	0.014	<0.2	2.26	71	<10	370	<0.5	<2	1.74	<0.5	23	18	61	3.15
KAM143803		2.13	0.015	<0.2	2.63	138	<10	660	<0.5	<2	2.10	<0.5	23	27	49	3.12
KAM143804		2.46	0.013	<0.2	2.60	72	<10	510	<0.5	<2	1.80	<0.5	23	26	55	3.25
KAM143805		2.17	0.029	<0.2	2.66	148	<10	430	<0.5	<2	2.82	<0.5	21	27	63	3.10
KAM143806		2.02	0.017	<0.2	3.12	208	<10	490	0.6	<2	3.00	<0.5	24	48	49	3.69
KAM143807		1.62	0.033	<0.2	1.87	579	<10	320	0.7	<2	2.33	<0.5	16	130	51	3.30
KAM143808		2.00	0.035	<0.2	2.34	308	<10	380	0.8	<2	0.73	<0.5	16	15	95	3.61
KAM143809		2.12	0.010	<0.2	1.98	123	<10	260	<0.5	<2	1.53	<0.5	14	24	64	3.32
KAM143810		0.07	1.960	0.4	1.79	9	10	110	<0.5	<2	0.93	<0.5	11	31	33	2.90
KAM143811		2.59	0.001	<0.2	2.25	29	<10	360	0.5	<2	2.71	<0.5	16	60	46	4.23
KAM143812		2.22	0.001	<0.2	3.02	107	<10	440	0.5	<2	2.03	<0.5	19	14	41	4.50
KAM143813		2.62	<0.001	<0.2	3.10	6	<10	320	0.5	<2	2.15	<0.5	20	12	32	4.19
KAM143814		2.82	<0.001	<0.2	2.60	5	<10	290	<0.5	<2	1.91	<0.5	18	17	42	4.02
KAM143815		2.75	<0.001	<0.2	2.08	41	<10	270	<0.5	<2	1.50	<0.5	13	26	32	3.34
KAM143816		2.60	<0.001	<0.2	1.96	23	<10	400	0.5	<2	1.62	<0.5	16	15	36	3.25
KAM143817		2.35	<0.001	<0.2	2.12	12	<10	400	<0.5	<2	1.52	<0.5	17	17	30	3.00
KAM143818		3.04	<0.001	<0.2	1.28	31	<10	180	<0.5	<2	1.25	<0.5	8	14	22	1.90
KAM143819		2.92	0.001	<0.2	1.88	75	<10	370	0.5	<2	1.95	<0.5	15	19	36	2.82
KAM143820		0.07	0.001	<0.2	1.77	6	<10	110	<0.5	<2	0.98	<0.5	8	36	46	3.07
KAM143821		2.56	<0.001	<0.2	2.96	21	<10	760	0.5	<2	2.02	<0.5	20	37	25	3.50
KAM143822		2.37	<0.001	<0.2	2.18	5	<10	430	<0.5	<2	1.78	<0.5	14	52	30	2.73
KAM143823		2.75	0.001	<0.2	1.92	38	<10	350	0.6	<2	2.92	<0.5	15	47	31	3.03
KAM143824		2.51	0.001	<0.2	1.10	18	<10	340	<0.5	<2	2.07	<0.5	5	6	9	1.50
KAM143825		2.80	<0.001	<0.2	2.85	9	<10	410	<0.5	<2	1.85	<0.5	22	12	44	4.63
KAM143826		2.88	<0.001	<0.2	2.89	8	<10	670	0.6	<2	3.37	<0.5	19	28	24	3.98
KAM143827		2.20	<0.001	<0.2	2.24	17	<10	630	0.6	<2	2.64	<0.5	20	91	23	3.71
KAM143828		3.11	0.629	<0.2	0.87	5380	10	60	1.0	<2	2.83	<0.5	13	22	21	3.11
KAM143829		2.82	0.381	<0.2	0.85	3590	10	140	1.1	<2	2.44	<0.5	16	32	15	3.12
KAM143830		0.07	6.09	17.8	1.26	324	<10	40	<0.5	4	0.80	7.1	14	34	728	5.68
KAM143831		3.02	0.004	<0.2	1.89	56	<10	640	0.7	<2	1.78	<0.5	14	50	20	3.24
KAM143832		2.49	0.003	<0.2	1.66	57	<10	850	0.9	<2	2.83	<0.5	14	44	20	3.01
KAM143833		2.98	<0.001	<0.2	1.89	30	<10	690	0.5	<2	1.66	<0.5	14	69	6	3.14
KAM143834		2.78	0.001	<0.2	1.75	24	<10	450	0.8	<2	3.89	<0.5	14	66	7	3.15
KAM143835		2.11	0.001	<0.2	1.91	20	<10	320	0.9	<2	2.28	<0.5	15	66	14	3.58
KAM143836		1.81	<0.001	<0.2	1.03	41	<10	130	0.7	<2	3.18	<0.5	10	30	9	2.45
KAM143837		2.39	0.019	<0.2	1.49	314	<10	360	0.9	<2	1.70	<0.5	12	39	20	2.75



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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
KAM143798		<10	<1	0.36	<10	1.29	438	<1	0.12	7	270	<2	0.02	4	8	40
KAM143799		10	<1	1.16	10	2.13	724	1	0.02	15	360	3	0.02	17	19	72
KAM143800		10	1	0.16	<10	0.78	472	7	0.12	30	580	3	0.05	<2	5	51
KAM143801		<10	<1	0.56	10	1.15	531	<1	0.06	10	510	6	0.03	2	9	97
KAM143802		<10	<1	0.60	<10	1.36	565	<1	0.06	11	340	3	0.01	2	7	167
KAM143803		<10	<1	0.71	<10	2.08	577	<1	0.08	14	230	2	0.01	5	7	52
KAM143804		10	<1	0.81	<10	2.02	582	<1	0.10	11	300	<2	<0.01	<2	9	62
KAM143805		<10	<1	0.90	<10	2.02	675	<1	0.07	13	250	2	<0.01	3	8	117
KAM143806		10	<1	1.20	10	2.21	615	<1	0.05	22	230	<2	<0.01	3	11	79
KAM143807		<10	<1	0.78	10	1.02	569	<1	0.04	30	320	5	<0.01	10	11	94
KAM143808		<10	<1	0.83	<10	1.17	430	<1	0.05	6	510	<2	<0.01	9	7	46
KAM143809		10	<1	0.74	10	1.08	513	<1	0.05	5	430	2	0.03	3	7	87
KAM143810		10	<1	0.15	<10	0.83	443	2	0.10	24	620	4	0.05	<2	5	46
KAM143811		10	<1	1.25	10	1.39	744	<1	0.05	9	560	2	0.10	<2	8	492
KAM143812		10	<1	1.40	<10	1.98	718	<1	0.07	6	480	<2	0.06	6	10	100
KAM143813		10	<1	1.04	<10	1.96	569	<1	0.13	4	1090	<2	0.12	<2	10	49
KAM143814		10	<1	0.92	<10	1.62	540	<1	0.12	5	630	<2	0.19	<2	11	36
KAM143815		10	<1	1.15	20	1.28	493	<1	0.05	6	470	2	0.14	5	6	68
KAM143816		10	<1	1.09	20	1.35	456	<1	0.04	6	360	3	0.29	4	6	86
KAM143817		10	<1	1.22	10	1.68	442	<1	0.08	8	230	<2	0.30	<2	5	36
KAM143818		<10	<1	0.59	40	0.79	259	1	0.06	4	290	<2	0.18	2	3	42
KAM143819		10	<1	0.96	20	1.38	461	<1	0.06	7	310	3	0.17	9	6	224
KAM143820		10	<1	0.16	<10	0.77	468	6	0.11	29	580	<2	0.04	<2	5	52
KAM143821		10	<1	1.87	10	2.63	578	<1	0.05	14	240	2	0.16	<2	5	60
KAM143822		10	<1	1.25	10	1.76	482	<1	0.06	16	250	<2	0.13	<2	4	57
KAM143823		10	<1	1.17	30	1.30	437	<1	0.03	11	370	6	0.32	<2	6	128
KAM143824		<10	<1	0.61	60	0.41	299	<1	0.03	3	240	7	0.08	<2	3	79
KAM143825		10	<1	1.05	10	1.97	650	<1	0.05	4	710	<2	0.42	<2	8	173
KAM143826		10	<1	1.70	10	2.24	702	<1	0.04	10	380	3	0.26	<2	12	100
KAM143827		10	<1	1.36	20	1.78	512	<1	0.04	25	450	<2	0.37	<2	11	90
KAM143828		<10	<1	0.49	30	1.33	500	<1	0.01	33	440	8	1.73	9	5	270
KAM143829		<10	1	0.35	20	1.05	418	<1	0.01	46	430	8	1.74	10	6	171
KAM143830		<10	<1	0.17	<10	0.59	485	12	0.06	28	580	629	3.23	7	4	36
KAM143831		10	<1	1.19	30	1.39	451	<1	0.03	37	440	4	0.33	2	5	133
KAM143832		10	<1	1.05	30	1.29	480	<1	0.02	35	440	7	0.29	<2	5	302
KAM143833		10	<1	1.17	20	1.48	468	<1	0.04	43	420	<2	0.20	<2	6	91
KAM143834		10	<1	0.95	20	1.19	606	<1	0.02	46	390	3	0.10	19	6	148
KAM143835		10	<1	1.17	20	1.38	533	<1	0.03	46	440	3	0.20	11	6	79
KAM143836		<10	<1	0.40	20	1.24	438	<1	0.01	23	330	6	0.23	4	4	95
KAM143837		<10	<1	0.91	20	1.02	436	3	0.02	31	500	6	0.37	3	5	95



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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 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
KAM143798		<20	0.08	<10	<10	89	<10	39
KAM143799		<20	0.13	<10	<10	105	<10	63
KAM143800		<20	0.15	<10	<10	66	<10	49
KAM143801		<20	0.12	<10	<10	76	<10	54
KAM143802		<20	0.09	<10	<10	59	<10	47
KAM143803		<20	0.10	<10	<10	53	<10	39
KAM143804		<20	0.11	<10	<10	69	<10	44
KAM143805		<20	0.10	<10	<10	65	<10	41
KAM143806		<20	0.09	<10	<10	75	<10	66
KAM143807		<20	0.06	<10	<10	52	<10	49
KAM143808		<20	0.10	<10	<10	55	<10	50
KAM143809		<20	0.09	<10	<10	54	<10	44
KAM143810		<20	0.15	<10	<10	69	20	50
KAM143811		<20	0.18	<10	<10	70	<10	74
KAM143812		<20	0.16	<10	<10	87	<10	76
KAM143813		<20	0.17	<10	<10	77	<10	63
KAM143814		<20	0.15	<10	<10	67	<10	66
KAM143815		<20	0.13	<10	<10	50	<10	42
KAM143816		<20	0.10	<10	<10	56	<10	37
KAM143817		<20	0.14	<10	<10	60	<10	34
KAM143818		20	0.05	<10	<10	25	<10	14
KAM143819		<20	0.11	<10	<10	57	<10	37
KAM143820		<20	0.15	<10	<10	66	<10	43
KAM143821		<20	0.13	<10	<10	52	<10	51
KAM143822		<20	0.10	<10	<10	42	<10	44
KAM143823		<20	0.08	<10	<10	46	<10	32
KAM143824		<20	0.03	<10	<10	17	<10	19
KAM143825		<20	0.17	<10	<10	81	<10	65
KAM143826		<20	0.15	<10	<10	74	<10	58
KAM143827		<20	0.13	<10	<10	74	<10	40
KAM143828		<20	0.02	<10	<10	24	<10	35
KAM143829		<20	0.01	<10	10	26	<10	42
KAM143830		<20	0.06	<10	<10	44	<10	1340
KAM143831		<20	0.12	<10	<10	44	<10	45
KAM143832		<20	0.10	<10	<10	38	<10	40
KAM143833		<20	0.15	<10	<10	49	<10	34
KAM143834		<20	0.12	<10	<10	40	<10	32
KAM143835		<20	0.15	<10	<10	47	<10	43
KAM143836		<20	0.03	<10	<10	24	<10	28
KAM143837		<20	0.11	<10	<10	35	<10	56



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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
KAM143838		2.29	0.058	<0.2	1.18	962	<10	200	1.5	<2	2.47	<0.5	12	25	19	3.15
KAM143839		2.77	0.002	<0.2	1.15	130	<10	170	0.9	<2	1.77	<0.5	13	34	26	3.14
KAM143840		0.07	0.010	<0.2	1.71	6	<10	110	<0.5	3	0.99	<0.5	8	35	43	2.92
KAM143841		2.55	0.065	<0.2	0.75	608	<10	50	0.8	<2	3.15	<0.5	13	25	20	3.00
KAM143842		2.25	0.385	<0.2	1.54	1745	<10	210	1.2	<2	2.13	<0.5	12	44	6	3.10
KAM143843		2.63	0.004	<0.2	1.65	26	<10	530	0.7	<2	4.65	<0.5	13	73	7	2.50
KAM143844		2.71	0.002	<0.2	2.15	7	<10	630	0.5	2	1.97	<0.5	16	71	10	3.13
KAM143845		2.45	0.001	<0.2	1.85	3	<10	840	0.5	<2	1.55	<0.5	14	43	14	2.67
KAM143846		2.84	0.001	<0.2	1.76	4	<10	270	<0.5	<2	0.97	<0.5	13	44	23	2.60
KAM143847		2.69	<0.001	<0.2	2.08	11	<10	200	<0.5	2	0.34	<0.5	16	58	21	3.22
KAM143848		2.56	0.001	<0.2	2.08	17	<10	160	<0.5	<2	0.54	<0.5	14	56	23	3.08
KAM143849		2.56	0.001	<0.2	2.03	14	<10	160	<0.5	<2	0.46	<0.5	14	50	24	3.03
KAM143850		0.07	1.205	1.5	1.49	8	<10	1160	<0.5	<2	0.98	1.0	8	32	67	2.94
KAM143851		2.82	0.001	<0.2	2.16	57	<10	200	<0.5	2	0.54	<0.5	14	59	19	3.06
KAM143852		2.82	0.001	<0.2	1.65	12	<10	200	<0.5	<2	7.7	<0.5	13	50	18	2.44
KAM143853		2.52	<0.001	<0.2	1.76	<2	<10	190	0.5	<2	1.85	<0.5	13	69	13	3.12
KAM143854		3.12	<0.001	<0.2	2.10	49	<10	300	<0.5	<2	0.42	<0.5	14	60	16	3.27
KAM143855		2.87	<0.001	<0.2	1.73	12	<10	190	0.5	<2	0.98	<0.5	12	53	14	2.63
KAM143856		3.02	0.001	<0.2	1.62	3	<10	170	0.5	2	1.63	<0.5	12	57	11	2.75
KAM143857		2.73	0.001	<0.2	1.75	3	<10	190	0.5	2	1.75	<0.5	12	56	14	2.85
KAM143858		2.80	0.001	<0.2	1.89	<2	<10	200	0.6	2	2.24	<0.5	12	56	11	2.87
KAM143859		2.77	0.001	<0.2	2.02	3	<10	240	0.6	<2	1.21	<0.5	14	63	14	2.80
KAM143860		0.07	0.002	<0.2	1.73	5	<10	110	<0.5	<2	0.99	<0.5	9	35	43	2.96
KAM143861		2.94	<0.001	<0.2	2.04	2	<10	190	0.6	<2	1.47	<0.5	15	60	15	3.06
KAM143862		2.79	0.001	<0.2	2.18	2	<10	160	<0.5	2	0.48	<0.5	16	59	18	3.18
KAM143863		2.16	<0.001	<0.2	2.26	<2	<10	360	<0.5	<2	1.00	<0.5	17	68	17	3.12
KAM143864		2.86	<0.001	<0.2	2.14	<2	<10	280	<0.5	<2	0.48	<0.5	18	62	17	3.22
KAM143865		2.82	0.001	<0.2	1.81	39	<10	160	<0.5	2	0.33	<0.5	14	58	21	2.73
KAM143866		2.77	0.001	<0.2	2.07	32	<10	160	<0.5	2	0.35	<0.5	15	54	21	3.18
KAM143867		2.63	<0.001	<0.2	1.88	2	<10	270	<0.5	3	1.27	<0.5	13	46	9	2.68
KAM143868		3.09	0.002	<0.2	0.88	7	<10	90	<0.5	<2	0.72	<0.5	6	20	12	1.46
KAM143869		2.70	0.001	<0.2	0.70	7	<10	80	0.5	2	0.67	<0.5	4	12	10	1.12
KAM143870		0.07	9.90	1.2	1.14	17	<10	50	<0.5	<2	0.68	<0.5	11	28	52	3.10
KAM143871		1.74	0.001	<0.2	0.90	2	<10	80	<0.5	2	1.09	<0.5	5	10	5	1.22
KAM143872		2.31	0.002	<0.2	0.93	6	<10	80	0.5	<2	0.85	<0.5	5	10	5	1.31
KAM143873		2.40	0.002	<0.2	0.87	4	<10	90	0.5	<2	1.60	<0.5	6	11	3	1.56
KAM143874		2.12	0.003	<0.2	1.63	4	<10	210	0.6	2	2.67	<0.5	11	14	3	2.54
KAM143875		2.51	0.005	<0.2	2.19	4	<10	60	0.6	2	1.26	<0.5	16	58	17	3.52
KAM143876		2.84	0.001	<0.2	1.93	3	<10	70	0.5	<2	1.54	<0.5	15	53	13	3.07
KAM143877		2.86	0.001	<0.2	2.14	3	<10	160	0.5	<2	2.29	<0.5	16	115	5	2.96





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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
KAM143838		<10	<1	0.53	20	0.97	524	2	0.01	29	530	8	0.72	14	5
KAM143839		<10	<1	0.54	20	0.96	484	2	<0.01	35	350	8	0.26	6	5
KAM143840		10	<1	0.15	<10	0.74	455	8	0.11	29	550	2	0.04	<2	5
KAM143841		<10	<1	0.23	20	1.28	494	2	0.01	36	180	6	0.38	8	4
KAM143842		<10	<1	0.65	20	0.96	381	2	<0.01	41	330	9	0.87	59	5
KAM143843		<10	<1	0.96	10	1.23	598	2	0.02	56	510	4	0.16	4	3
KAM143844		10	<1	1.40	10	1.54	510	2	0.04	45	420	2	0.29	<2	4
KAM143845		10	<1	1.18	20	1.07	422	3	0.03	37	490	3	0.28	<2	3
KAM143846		10	<1	1.21	10	1.03	340	2	0.03	32	430	<2	0.38	<2	2
KAM143847		10	<1	1.13	10	1.25	328	2	0.04	43	360	2	0.31	<2	3
KAM143848		10	<1	1.07	20	1.25	316	2	0.03	43	480	3	0.19	<2	4
KAM143849		10	<1	1.07	10	1.18	292	2	0.04	39	440	2	0.26	<2	4
KAM143850		<10	<1	0.12	<10	0.72	442	8	0.09	30	540	80	0.09	<2	5
KAM143851		10	<1	1.21	20	1.28	278	2	0.04	43	430	<2	0.15	<2	4
KAM143852		10	<1	0.88	10	1.04	398	2	0.03	34	420	3	0.28	<2	3
KAM143853		10	<1	1.01	20	1.31	464	2	0.04	37	550	2	0.16	<2	5
KAM143854		10	<1	1.38	10	1.27	319	3	0.05	38	390	2	0.29	<2	4
KAM143855		10	<1	1.00	10	1.14	290	2	0.04	33	430	<2	0.39	<2	4
KAM143856		10	<1	0.84	10	1.14	344	2	0.06	33	380	<2	0.36	<2	4
KAM143857		10	<1	1.13	20	1.08	388	2	0.03	37	430	<2	0.20	<2	4
KAM143858		10	<1	1.16	10	1.23	452	2	0.03	38	380	<2	0.24	<2	3
KAM143859		10	<1	1.20	10	1.38	346	2	0.04	39	490	<2	0.29	<2	3
KAM143860		10	<1	0.15	<10	0.75	451	8	0.11	29	550	<2	0.04	<2	5
KAM143861		10	<1	0.91	10	1.40	403	2	0.03	43	440	<2	0.23	<2	4
KAM143862		10	<1	0.81	10	1.50	349	2	0.03	45	410	<2	0.22	<2	4
KAM143863		10	<1	1.31	10	1.82	403	2	0.06	33	590	<2	0.27	<2	4
KAM143864		10	1	1.22	10	1.50	319	2	0.05	40	410	<2	0.33	<2	4
KAM143865		10	<1	0.85	10	1.12	235	3	0.04	40	490	<2	0.28	<2	4
KAM143866		10	<1	0.75	20	1.24	277	2	0.03	41	380	2	0.13	<2	4
KAM143867		10	<1	1.27	20	1.27	431	3	0.04	23	430	4	0.13	<2	5
KAM143868		<10	<1	0.57	30	0.43	261	3	0.03	14	250	6	0.07	<2	2
KAM143869		<10	<1	0.37	30	0.34	187	3	0.06	2	270	2	0.06	<2	2
KAM143870		<10	3	0.20	10	0.58	342	739	0.07	24	410	8	1.31	26	4
KAM143871		<10	<1	0.49	30	0.43	244	4	0.04	3	320	2	0.18	<2	2
KAM143872		<10	<1	0.50	30	0.46	251	2	0.04	3	360	4	0.02	<2	2
KAM143873		<10	<1	0.47	30	0.54	297	2	0.04	4	450	5	0.04	<2	2
KAM143874		10	<1	0.76	30	1.16	509	1	0.04	4	590	5	0.06	<2	4
KAM143875		10	<1	0.27	30	1.79	476	1	0.02	33	690	4	<0.01	<2	5
KAM143876		10	<1	0.23	20	1.53	416	1	0.03	32	560	3	<0.01	<2	3
KAM143877		10	<1	0.35	20	2.01	483	1	0.03	54	480	10	0.06	<2	5



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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 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
KAM143838		<20	0.03	<10	<10	35	<10	41
KAM143839		<20	0.04	<10	<10	32	<10	49
KAM143840		<20	0.15	<10	<10	64	<10	44
KAM143841		<20	<0.01	<10	<10	24	<10	43
KAM143842		<20	0.05	<10	<10	37	<10	36
KAM143843		<20	0.12	<10	<10	37	<10	31
KAM143844		<20	0.17	<10	<10	47	<10	51
KAM143845		<20	0.15	<10	<10	32	<10	43
KAM143846		<20	0.16	<10	<10	34	<10	40
KAM143847		<20	0.16	<10	<10	42	<10	53
KAM143848		<20	0.13	<10	<10	40	<10	50
KAM143849		<20	0.14	<10	<10	39	<10	49
KAM143850		<20	0.14	<10	<10	59	<10	176
KAM143851		<20	0.14	<10	<10	44	<10	44
KAM143852		<20	0.11	<10	<10	36	<10	29
KAM143853		<20	0.13	<10	<10	59	<10	40
KAM143854		<20	0.20	<10	<10	54	<10	43
KAM143855		<20	0.15	<10	<10	45	<10	32
KAM143856		<20	0.15	<10	<10	45	<10	19
KAM143857		<20	0.14	<10	<10	54	<10	30
KAM143858		<20	0.12	<10	<10	39	<10	28
KAM143859		<20	0.14	<10	<10	46	<10	20
KAM143860		<20	0.15	<10	<10	64	<10	43
KAM143861		<20	0.08	<10	<10	42	<10	36
KAM143862		<20	0.12	<10	<10	40	<10	45
KAM143863		<20	0.17	<10	<10	58	<10	47
KAM143864		<20	0.17	<10	<10	49	<10	37
KAM143865		<20	0.12	<10	<10	39	<10	28
KAM143866		<20	0.12	<10	<10	37	<10	46
KAM143867		<20	0.17	<10	<10	49	<10	34
KAM143868		20	0.07	<10	<10	12	<10	21
KAM143869		20	0.04	<10	<10	15	<10	13
KAM143870		<20	0.09	<10	<10	54	20	53
KAM143871		20	0.05	<10	<10	10	<10	15
KAM143872		20	0.04	<10	<10	15	<10	17
KAM143873		20	0.04	<10	<10	20	<10	22
KAM143874		20	0.08	<10	<10	49	<10	36
KAM143875		<20	0.02	<10	<10	51	<10	51
KAM143876		<20	0.03	<10	<10	36	<10	42
KAM143877		<20	0.06	<10	<10	43	<10	46



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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
KAM143878		2.33	0.002	<0.2	1.31	<2	<10	90	<0.5	2	1.33	<0.5	10	30	13	2.30
KAM143879		2.48	0.005	<0.2	0.58	<2	<10	140	<0.5	<2	1.35	<0.5	5	11	2	1.18
KAM143880		0.07	0.003	<0.2	1.76	4	<10	110	<0.5	2	1.01	<0.5	8	37	47	3.12
KAM143881		2.27	0.001	<0.2	0.69	<2	<10	160	<0.5	2	1.11	<0.5	5	14	4	1.07
KAM143882		2.62	0.002	<0.2	0.94	4	<10	90	<0.5	2	1.47	<0.5	6	14	3	1.49
KAM143883		2.95	0.001	<0.2	0.91	<2	<10	80	<0.5	2	1.11	<0.5	5	15	3	1.40
KAM143884		2.55	0.001	<0.2	1.86	3	<10	240	0.7	3	2.13	<0.5	13	16	12	3.05
KAM143885		2.87	0.001	<0.2	1.44	<2	<10	150	0.5	3	1.64	<0.5	9	13	3	2.13
KAM143886		2.34	0.001	<0.2	1.74	<2	<10	220	0.6	2	1.78	<0.5	13	49	9	2.32
KAM143887		2.24	0.002	<0.2	1.18	<2	<10	90	<0.5	4	1.31	<0.5	8	26	2	1.55
KAM143888		2.99	0.001	<0.2	1.19	<2	<10	320	0.5	4	1.83	<0.5	9	24	15	1.80
KAM143889		2.85	0.001	<0.2	1.80	<2	<10	230	0.6	2	2.27	<0.5	14	55	9	2.40
KAM143890		0.07	1.195	1.9	1.56	10	<10	1260	<0.5	<2	1.06	0.9	8	35	75	3.21
KAM143891		2.79	0.001	<0.2	1.45	2	<10	240	0.6	<2	1.80	<0.5	9	53	5	1.88
KAM143892		2.59	0.001	<0.2	0.98	4	<10	80	<0.5	3	1.22	<0.5	5	14	9	1.52
KAM143893		2.77	<0.001	<0.2	1.42	<2	<10	360	0.8	<2	6.43	<0.5	13	98	14	2.81
KAM143894		2.72	0.001	<0.2	2.14	6	<10	350	0.7	2	3.94	<0.5	17	144	21	3.11
KAM143895		3.25	0.001	<0.2	2.55	3	<10	380	0.7	3	3.18	<0.5	16	160	20	3.30
KAM143896		3.10	<0.001	<0.2	3.03	5	<10	430	0.9	<2	3.78	<0.5	19	111	23	3.85
KAM143897		2.59	0.001	<0.2	2.69	6	<10	470	0.9	2	3.71	<0.5	16	87	14	3.67
KAM143898		2.62	<0.001	<0.2	3.13	<2	<10	620	0.9	3	4.40	<0.5	22	140	12	4.15
KAM143899		2.57	0.001	<0.2	2.92	<2	<10	550	0.8	2	3.43	<0.5	24	190	17	3.60
KAM143900		0.07	0.003	<0.2	1.81	5	<10	110	<0.5	<2	1.04	<0.5	8	38	47	3.19
KAM143901		2.78	0.001	<0.2	2.44	<2	<10	530	0.6	<2	3.19	<0.5	25	211	45	3.18
KAM143902		2.64	<0.001	<0.2	2.36	4	<10	440	0.9	<2	3.28	<0.5	18	165	9	3.11
KAM143903		2.92	<0.001	<0.2	2.09	6	<10	460	0.8	<2	2.90	<0.5	17	156	6	2.81
KAM143904		1.37	<0.001	<0.2	1.48	3	<10	320	0.6	<2	1.78	<0.5	10	48	6	1.89
KAM143905		1.46	0.006	<0.2	0.40	1150	<10	1180	0.7	2	2.34	<0.5	3	11	9	1.66



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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
KAM143878		10	<1	0.38	10	0.88	280	2	0.05	15	500	5	0.27	<2	2	72
KAM143879		<10	<1	0.16	30	0.31	185	2	0.05	3	220	5	0.37	<2	1	108
KAM143880		<10	<1	0.16	<10	0.78	466	7	0.12	29	570	2	0.03	<2	5	52
KAM143881		<10	<1	0.27	30	0.43	184	2	0.07	3	300	5	0.11	<2	2	75
KAM143882		10	1	0.38	30	0.63	273	3	0.07	4	460	10	0.08	<2	2	100
KAM143883		<10	<1	0.43	30	0.55	231	3	0.07	4	330	6	0.19	<2	2	77
KAM143884		10	<1	1.42	30	1.46	599	1	0.05	3	660	27	0.32	<2	4	88
KAM143885		10	<1	1.08	30	0.99	431	2	0.06	3	570	6	0.16	<2	3	57
KAM143886		10	<1	1.20	20	1.51	425	2	0.06	16	510	4	0.13	<2	3	78
KAM143887		<10	<1	0.65	30	0.82	260	2	0.07	8	350	3	0.09	<2	2	62
KAM143888		<10	<1	0.76	30	0.84	351	2	0.07	7	410	4	0.20	<2	2	93
KAM143889		10	<1	1.23	20	1.55	445	1	0.06	17	510	4	0.15	<2	3	68
KAM143890		10	<1	0.14	<10	0.78	479	8	0.10	32	580	89	0.09	4	5	61
KAM143891		<10	<1	1.00	40	1.18	376	2	0.05	12	400	3	0.11	<2	2	62
KAM143892		<10	<1	0.61	40	0.52	246	3	0.04	4	410	3	0.12	<2	2	48
KAM143893		<10	<1	0.88	30	2.75	667	1	0.02	51	410	9	0.07	<2	7	242
KAM143894		10	<1	1.27	20	2.42	630	1	0.03	72	530	13	0.07	<2	10	122
KAM143895		10	<1	1.66	30	2.61	620	1	0.03	61	540	11	0.09	<2	9	70
KAM143896		10	<1	1.92	30	2.93	722	1	0.03	48	690	14	0.22	<2	9	93
KAM143897		10	<1	1.94	30	2.31	645	1	0.04	32	730	14	0.21	<2	7	96
KAM143898		10	<1	2.31	20	3.13	771	<1	0.04	47	720	8	0.36	<2	8	123
KAM143899		10	<1	2.06	10	3.23	707	<1	0.05	77	660	3	0.22	<2	6	101
KAM143900		<10	<1	0.17	<10	0.80	474	7	0.12	30	580	2	0.03	<2	5	53
KAM143901		10	<1	1.75	<10	3.02	595	1	0.05	59	700	3	0.25	<2	5	118
KAM143902		10	<1	1.81	20	3.09	590	1	0.04	57	460	6	0.09	<2	9	126
KAM143903		10	<1	1.54	10	2.51	563	1	0.05	60	500	7	0.18	<2	5	117
KAM143904		<10	<1	0.99	40	1.18	385	2	0.06	12	390	2	0.12	<2	2	61
KAM143905		<10	1	0.15	20	0.08	339	1	0.01	4	190	8	0.03	23	3	83



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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
KAM143878		<20	0.07	<10	<10	24	<10	27
KAM143879		20	0.01	<10	<10	7	<10	8
KAM143880		<20	0.16	<10	<10	67	<10	44
KAM143881		20	0.06	<10	<10	12	<10	13
KAM143882		20	0.10	<10	<10	22	<10	22
KAM143883		20	0.09	<10	<10	16	<10	22
KAM143884		20	0.20	<10	<10	73	<10	58
KAM143885		20	0.16	<10	<10	41	<10	38
KAM143886		<20	0.19	<10	<10	48	<10	31
KAM143887		20	0.10	<10	<10	22	<10	19
KAM143888		20	0.10	<10	<10	26	<10	26
KAM143889		<20	0.16	<10	<10	46	<10	33
KAM143890		<20	0.15	<10	<10	66	<10	197
KAM143891		20	0.11	<10	10	28	<10	24
KAM143892		20	0.06	<10	<10	11	<10	15
KAM143893		<20	0.05	<10	<10	49	<10	32
KAM143894		<20	0.08	<10	<10	64	<10	41
KAM143895		<20	0.13	<10	<10	63	<10	44
KAM143896		<20	0.15	<10	<10	64	<10	64
KAM143897		<20	0.17	<10	<10	55	<10	67
KAM143898		<20	0.19	<10	<10	64	<10	77
KAM143899		<20	0.19	<10	<10	61	<10	69
KAM143900		<20	0.16	<10	<10	69	<10	45
KAM143901		<20	0.21	<10	<10	56	<10	56
KAM143902		<20	0.13	<10	<10	60	<10	45
KAM143903		<20	0.16	<10	<10	48	<10	40
KAM143904		20	0.11	<10	10	29	<10	24
KAM143905		20	<0.01	<10	<10	18	<10	12



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**CERTIFICATE OF ANALYSIS WH13121867**

	CERTIFICATE COMMENTS			
	LABORATORY ADDRESSES			
	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	Applies to Method:	CRU-31	CRU-QC	LOG-21
		PUL-31	PUL-QC	LOG-23
			SPL-21	WEI-21
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Applies to Method:	Au-ICP21	ME-ICP41	