



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

Page: 1  
Finalized Date: 25-AUG-2013  
Account: KAMGOL

**CERTIFICATE WH13125277**

Project: Coffee

P.O. No.: KGC-13-1304

This report is for 94 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 10-AUG-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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Plus Appendix Pages  
Finalized Date: 25-AUG-2013  
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**CERTIFICATE OF ANALYSIS WH13125277**

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
KAM127025		2.19	<0.001	<0.2	0.58	28	<10	50	0.6	9	0.08	<0.5	3	8	3	1.08
KAM127026		2.18	0.001	<0.2	0.40	12	<10	50	<0.5	<2	0.14	<0.5	3	8	3	0.79
KAM127027		2.32	<0.001	<0.2	0.41	11	<10	30	<0.5	2	0.06	<0.5	1	7	1	0.54
KAM127028		2.35	<0.001	<0.2	0.47	24	<10	40	0.5	<2	0.07	<0.5	1	7	2	0.77
KAM127029		2.19	<0.001	<0.2	0.50	16	<10	40	0.5	2	0.06	<0.5	2	6	1	0.68
KAM127030		0.05	1.105	1.6	1.57	10	<10	1210	<0.5	<2	1.04	0.8	9	35	75	3.22
KAM127031		2.03	0.001	<0.2	2.59	58	<10	130	2.8	<2	0.59	<0.5	25	89	23	3.97
KAM127032		2.36	0.008	<0.2	2.16	124	<10	120	2.5	<2	0.34	<0.5	17	67	13	2.98
KAM127033		2.31	<0.001	0.2	0.73	24	<10	60	0.8	<2	0.16	<0.5	4	12	8	0.92
KAM127034		2.41	<0.001	<0.2	0.43	6	<10	30	0.5	<2	0.91	<0.5	2	6	1	0.49
KAM127035		2.21	<0.001	0.2	0.34	11	<10	130	<0.5	<2	0.43	<0.5	1	6	1	0.44
KAM127036		2.43	<0.001	<0.2	0.78	8	<10	170	1.0	<2	0.60	<0.5	3	11	1	0.96
KAM127037		2.25	<0.001	<0.2	0.37	9	<10	40	0.5	<2	0.51	<0.5	1	6	1	0.49
KAM127038		2.33	0.008	0.2	0.40	9	<10	70	<0.5	<2	0.30	<0.5	1	9	2	0.54
KAM127039		2.01	<0.001	<0.2	0.67	21	<10	60	0.6	<2	0.09	<0.5	2	12	1	1.23
KAM127040		0.04	0.001	<0.2	1.78	6	<10	110	<0.5	<2	1.00	<0.5	9	37	46	3.11
KAM127041		2.37	0.001	<0.2	0.67	11	<10	70	0.6	<2	0.18	<0.5	2	12	1	1.06
KAM127042		2.26	0.001	<0.2	0.46	16	<10	40	0.5	<2	0.51	<0.5	2	9	1	0.77
KAM127043		2.20	0.024	0.2	0.41	29	<10	60	<0.5	<2	0.11	<0.5	3	7	3	0.99
KAM127044		2.25	0.019	<0.2	0.37	33	<10	60	0.5	<2	0.06	<0.5	3	8	3	0.90
KAM127045		2.10	0.009	<0.2	0.46	84	<10	50	0.7	<2	0.07	<0.5	2	5	4	0.81
KAM127046		2.37	2.87	0.2	0.45	347	<10	80	1.3	<2	0.09	<0.5	3	6	2	1.06
KAM127047		2.16	0.018	0.2	0.43	60	<10	40	0.5	<2	0.04	<0.5	2	5	2	0.71
KAM127048		2.25	0.010	0.2	0.42	23	<10	40	0.5	<2	0.07	<0.5	1	6	1	0.76
KAM127049		2.28	0.015	0.2	0.35	23	<10	60	<0.5	<2	0.06	<0.5	3	6	3	1.22
KAM127050		0.04	0.757	0.9	0.69	212	<10	80	1.0	12	17.7	0.9	3	24	81	2.48
KAM127051		2.04	0.007	0.2	0.41	50	<10	50	0.5	<2	0.08	<0.5	2	7	6	0.96
KAM127052		2.35	0.007	0.2	0.38	28	<10	60	<0.5	<2	0.05	<0.5	2	7	4	0.94
KAM127053		2.45	0.021	<0.2	0.40	82	<10	40	0.5	<2	0.07	<0.5	2	7	4	0.86
KAM127054		1.92	1.180	0.2	0.48	429	<10	90	1.2	<2	0.11	<0.5	5	8	8	1.56
KAM127055		2.07	0.019	<0.2	0.45	177	<10	40	0.6	<2	0.08	<0.5	3	6	5	0.96
KAM127056		2.34	0.007	<0.2	0.44	35	<10	40	0.5	<2	0.08	<0.5	2	6	7	1.27
KAM127057		2.54	0.006	<0.2	0.74	20	<10	40	0.8	<2	0.52	<0.5	4	8	4	1.54
KAM127058		2.37	0.121	<0.2	0.61	105	<10	90	0.9	<2	0.12	<0.5	5	10	4	1.70
KAM127059		1.93	0.019	<0.2	0.67	67	<10	60	0.7	<2	0.09	<0.5	3	6	6	1.33
KAM127060		0.04	0.001	<0.2	1.90	3	<10	120	<0.5	<2	1.02	<0.5	9	39	48	3.25
KAM127061		2.16	0.008	<0.2	0.42	40	<10	30	<0.5	<2	0.03	<0.5	2	7	5	0.57
KAM127062		2.15	0.014	<0.2	0.38	22	<10	50	<0.5	<2	0.03	<0.5	1	7	3	0.74
KAM127063		2.21	0.020	<0.2	1.31	30	<10	70	1.3	<2	1.70	<0.5	9	84	8	1.90
KAM127064		2.17	0.003	<0.2	2.47	22	<10	60	1.5	2	2.01	<0.5	17	199	7	3.46



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**CERTIFICATE OF ANALYSIS WH13125277**

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
KAM127025		<10	<1	0.30	30	0.09	138	<1	0.06	2	160	5	0.01	4	<1	8
KAM127026		<10	<1	0.25	30	0.10	139	<1	0.05	<1	150	6	<0.01	2	<1	22
KAM127027		<10	<1	0.25	30	0.11	145	<1	0.07	<1	120	2	<0.01	2	<1	9
KAM127028		<10	<1	0.29	30	0.20	166	<1	0.07	1	140	2	<0.01	<2	<1	23
KAM127029		<10	<1	0.30	30	0.13	153	<1	0.07	1	150	4	<0.01	3	<1	8
KAM127030		<10	<1	0.13	<10	0.78	486	8	0.12	34	590	87	0.10	4	5	58
KAM127031		10	<1	1.40	20	2.16	797	<1	0.05	46	1050	5	0.01	7	8	35
KAM127032		10	<1	1.10	20	1.38	692	<1	0.03	31	690	6	0.01	13	8	29
KAM127033		<10	<1	0.48	30	0.30	263	<1	0.04	5	240	2	<0.01	3	1	12
KAM127034		<10	<1	0.26	20	0.06	213	<1	0.07	<1	90	3	<0.01	2	<1	22
KAM127035		<10	<1	0.22	20	0.05	151	1	0.06	<1	70	4	<0.01	<2	<1	23
KAM127036		<10	<1	0.57	30	0.32	260	5	0.04	2	200	2	0.04	2	1	32
KAM127037		<10	<1	0.23	20	0.12	124	5	0.07	<1	50	3	0.04	<2	<1	22
KAM127038		<10	<1	0.22	20	0.07	86	<1	0.08	<1	70	3	0.01	<2	<1	24
KAM127039		<10	<1	0.44	20	0.33	195	<1	0.08	2	130	3	<0.01	2	1	29
KAM127040		10	<1	0.16	<10	0.78	470	7	0.13	30	580	2	0.04	<2	5	49
KAM127041		<10	<1	0.43	30	0.33	205	1	0.06	2	180	3	<0.01	2	1	67
KAM127042		<10	<1	0.29	30	0.11	156	2	0.05	1	140	2	<0.01	3	<1	15
KAM127043		<10	<1	0.23	30	0.05	201	2	0.05	1	140	5	<0.01	2	<1	15
KAM127044		<10	<1	0.26	30	0.05	177	4	0.05	<1	170	4	<0.01	<2	<1	12
KAM127045		<10	<1	0.24	40	0.04	200	2	0.04	1	150	4	<0.01	<2	<1	13
KAM127046		<10	<1	0.29	30	0.04	320	2	0.01	1	190	19	<0.01	10	<1	10
KAM127047		<10	<1	0.28	30	0.04	159	1	0.04	<1	80	6	<0.01	<2	<1	10
KAM127048		<10	<1	0.27	30	0.07	149	<1	0.06	3	90	4	<0.01	2	<1	11
KAM127049		<10	<1	0.25	30	0.06	235	1	0.05	<1	130	5	<0.01	2	<1	16
KAM127050		<10	2	0.19	10	3.38	1790	71	0.02	84	1030	19	0.66	9	4	203
KAM127051		<10	<1	0.26	30	0.06	175	1	0.05	1	180	5	<0.01	2	1	18
KAM127052		<10	<1	0.22	20	0.05	118	2	0.06	1	80	4	<0.01	3	<1	14
KAM127053		<10	<1	0.19	20	0.05	121	<1	0.06	1	90	4	<0.01	3	<1	13
KAM127054		<10	<1	0.24	40	0.05	261	1	0.02	1	210	20	<0.01	10	1	26
KAM127055		<10	<1	0.19	30	0.06	126	1	0.03	<1	140	6	<0.01	3	1	14
KAM127056		<10	<1	0.23	30	0.08	156	1	0.06	2	130	7	0.01	<2	1	15
KAM127057		<10	<1	0.43	40	0.35	378	1	0.04	1	330	5	<0.01	2	2	28
KAM127058		<10	<1	0.34	40	0.13	409	1	0.04	3	380	6	0.01	3	2	22
KAM127059		<10	<1	0.22	30	0.06	250	1	0.04	1	200	6	<0.01	2	1	18
KAM127060		10	<1	0.16	<10	0.81	487	7	0.13	32	600	3	0.05	2	5	54
KAM127061		<10	<1	0.15	20	0.02	128	1	0.02	<1	60	3	0.01	2	<1	11
KAM127062		<10	<1	0.24	20	0.02	154	2	0.06	1	50	4	0.01	<2	<1	11
KAM127063		<10	<1	0.89	30	0.90	421	1	0.04	10	420	6	0.13	2	3	56
KAM127064		10	<1	1.17	30	2.27	745	1	0.03	23	750	6	0.10	2	10	43



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Project: Coffee

**CERTIFICATE OF ANALYSIS WH13125277**

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
KAM127025		40	0.01	<10	<10	3	<10	12
KAM127026		40	0.01	<10	<10	5	<10	10
KAM127027		40	0.01	<10	<10	2	<10	6
KAM127028		40	0.01	<10	<10	6	<10	8
KAM127029		40	0.01	<10	<10	2	<10	7
KAM127030		<20	0.14	<10	<10	65	<10	198
KAM127031		20	0.16	<10	<10	70	<10	55
KAM127032		20	0.07	<10	<10	57	<10	43
KAM127033		40	0.02	<10	<10	9	<10	13
KAM127034		40	<0.01	<10	<10	1	<10	6
KAM127035		40	<0.01	<10	<10	1	<10	5
KAM127036		40	0.02	<10	<10	5	<10	17
KAM127037		40	<0.01	<10	10	1	<10	7
KAM127038		40	<0.01	<10	<10	3	<10	4
KAM127039		50	0.03	<10	<10	13	<10	17
KAM127040		<20	0.15	<10	<10	67	<10	46
KAM127041		40	0.02	<10	<10	15	<10	15
KAM127042		30	0.01	<10	<10	3	<10	10
KAM127043		30	<0.01	<10	<10	3	<10	9
KAM127044		40	<0.01	<10	<10	2	<10	9
KAM127045		40	<0.01	<10	<10	1	<10	7
KAM127046		30	<0.01	<10	<10	6	<10	9
KAM127047		40	<0.01	<10	<10	1	<10	8
KAM127048		40	0.01	<10	<10	2	<10	16
KAM127049		40	<0.01	<10	<10	5	<10	10
KAM127050		<20	0.01	<10	10	172	20	444
KAM127051		40	<0.01	<10	<10	5	<10	10
KAM127052		40	<0.01	<10	<10	3	<10	7
KAM127053		40	<0.01	<10	<10	6	<10	9
KAM127054		40	<0.01	<10	<10	15	<10	16
KAM127055		40	<0.01	<10	<10	5	<10	9
KAM127056		40	0.01	<10	<10	4	<10	12
KAM127057		40	0.04	<10	<10	14	<10	23
KAM127058		30	0.01	<10	<10	11	<10	20
KAM127059		40	<0.01	<10	<10	6	<10	11
KAM127060		<20	0.15	<10	<10	71	<10	45
KAM127061		40	<0.01	<10	<10	2	<10	3
KAM127062		40	<0.01	<10	<10	1	<10	4
KAM127063		30	0.05	<10	<10	29	<10	28
KAM127064		20	0.10	<10	<10	68	<10	61



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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
KAM127065		2.44	0.004	<0.2	1.72	18	<10	60	1.5	<2	0.79	<0.5	15	195	10	2.46
KAM127066		2.59	0.002	<0.2	2.59	7	<10	50	1.3	<2	2.87	<0.5	22	285	6	3.71
KAM127067		2.21	0.001	<0.2	1.92	6	<10	60	1.3	<2	2.03	<0.5	16	134	10	2.64
KAM127068		2.24	0.001	<0.2	0.41	4	<10	20	<0.5	2	0.58	<0.5	1	9	2	0.72
KAM127069		2.21	0.001	<0.2	0.41	4	<10	30	<0.5	<2	0.31	<0.5	1	9	3	0.58
KAM127070		0.04	6.29	18.9	1.34	354	<10	30	0.5	5	0.85	7.5	15	37	767	5.95
KAM127071		2.17	0.004	<0.2	0.52	25	<10	40	0.7	<2	1.69	<0.5	2	7	4	0.89
KAM127072		2.27	0.001	<0.2	0.50	15	<10	30	0.6	<2	0.54	<0.5	1	6	3	0.67
KAM127073		2.23	0.001	<0.2	0.34	8	<10	30	<0.5	<2	0.37	<0.5	1	7	4	0.51
KAM127074		2.28	0.001	<0.2	0.39	6	<10	30	<0.5	<2	0.27	<0.5	1	7	3	0.56
KAM127075		2.14	0.003	<0.2	0.33	26	<10	30	0.5	<2	0.21	<0.5	1	7	4	0.70
KAM127076		2.29	0.001	<0.2	0.42	7	<10	20	0.5	<2	0.57	<0.5	1	6	2	0.61
KAM127077		2.23	0.001	<0.2	0.44	8	<10	40	0.5	<2	0.76	<0.5	1	6	3	0.39
KAM127078		2.18	0.001	<0.2	0.43	6	<10	30	0.5	<2	0.23	<0.5	1	8	3	0.63
KAM127079		2.21	0.001	<0.2	0.35	4	<10	20	0.5	<2	0.34	<0.5	1	7	2	0.58
KAM127080		0.04	0.006	<0.2	1.95	5	<10	120	<0.5	<2	1.04	<0.5	9	40	48	3.30
KAM127081		2.36	0.001	<0.2	0.34	7	<10	20	0.5	<2	0.53	<0.5	1	9	4	0.71
KAM127082		2.19	<0.001	<0.2	0.30	8	<10	10	0.5	<2	0.46	<0.5	1	7	3	0.67
KAM127083		2.33	0.001	<0.2	0.36	5	<10	20	0.5	<2	0.54	<0.5	1	9	2	0.53
KAM127084		2.27	0.001	<0.2	0.36	10	<10	40	<0.5	<2	0.37	<0.5	1	8	4	0.76
KAM127085		2.30	0.001	<0.2	0.58	32	<10	50	0.6	<2	0.39	<0.5	2	10	3	1.16
KAM127086		2.35	<0.001	<0.2	0.71	3	<10	20	0.6	<2	1.05	<0.5	3	20	4	1.20
KAM127087		2.14	0.002	<0.2	0.61	3	<10	30	0.5	<2	0.66	<0.5	2	8	2	0.95
KAM127088		2.19	0.001	<0.2	0.54	3	<10	30	0.5	<2	0.54	<0.5	2	8	4	0.93
KAM127089		2.41	0.002	<0.2	2.04	8	<10	70	1.3	<2	1.07	<0.5	10	45	4	3.28
KAM127090		0.04	9.61	1.4	1.27	20	10	40	<0.5	<2	0.73	<0.5	12	32	59	3.42
KAM127091		2.23	0.003	<0.2	0.92	9	<10	60	0.5	<2	0.63	<0.5	4	20	2	1.52
KAM127092		2.44	0.001	<0.2	0.69	5	<10	80	<0.5	<2	0.88	<0.5	2	7	2	0.87
KAM127093		2.21	0.002	<0.2	1.06	8	<10	90	0.5	<2	0.71	<0.5	5	6	1	1.78
KAM127094		2.29	0.002	<0.2	2.01	4	<10	340	0.7	<2	0.60	<0.5	14	42	7	3.11
KAM127095		2.49	0.001	<0.2	3.18	18	<10	360	0.8	<2	0.25	<0.5	28	90	53	5.54
KAM127096		2.16	<0.001	<0.2	2.52	14	<10	270	1.0	<2	0.83	<0.5	18	67	26	4.01
KAM127097		2.66	0.002	<0.2	2.83	4	<10	230	1.1	<2	1.85	<0.5	20	73	15	4.69
KAM127098		2.14	0.001	<0.2	2.54	4	<10	320	0.6	<2	1.63	<0.5	17	100	6	3.42
KAM127099		2.20	0.001	<0.2	2.53	4	<10	370	0.8	<2	1.60	<0.5	18	114	9	3.54
KAM127100		0.04	0.005	<0.2	1.82	3	<10	110	<0.5	2	1.01	<0.5	9	39	45	3.14
KAM127101		2.30	0.002	<0.2	2.34	2	<10	230	0.6	<2	1.72	<0.5	16	79	12	3.33
KAM127102		2.27	0.001	<0.2	1.95	6	<10	320	0.9	2	3.60	<0.5	13	59	8	3.10
KAM127103		2.45	0.002	<0.2	2.25	<2	<10	450	0.7	<2	2.55	<0.5	14	98	8	3.23
KAM127104		2.19	0.002	<0.2	2.17	49	<10	430	1.1	<2	1.65	<0.5	16	79	9	3.33



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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
KAM127065		10	<1	0.79	20	1.65	426	<1	0.05	19	760	6	0.07	2	5	38
KAM127066		10	<1	1.25	30	2.75	736	<1	0.03	28	1110	18	0.08	<2	10	92
KAM127067		10	<1	1.32	20	1.80	440	3	0.05	21	520	4	0.12	<2	6	44
KAM127068		<10	<1	0.20	30	0.13	133	8	0.09	1	50	7	0.06	<2	<1	17
KAM127069		<10	<1	0.29	30	0.06	83	3	0.09	1	40	7	0.08	<2	<1	15
KAM127070		<10	<1	0.17	<10	0.61	518	14	0.07	32	590	654	3.38	7	5	37
KAM127071		<10	<1	0.33	30	0.08	271	1	0.05	1	50	6	0.02	<2	<1	26
KAM127072		<10	<1	0.26	30	0.05	168	1	0.06	<1	50	12	0.02	2	<1	15
KAM127073		<10	<1	0.25	20	0.03	102	<1	0.06	<1	50	10	0.01	<2	<1	14
KAM127074		<10	<1	0.27	20	0.03	83	3	0.07	<1	40	8	0.08	<2	<1	12
KAM127075		<10	<1	0.20	30	0.03	109	<1	0.07	1	60	7	0.07	<2	<1	13
KAM127076		<10	<1	0.21	20	0.04	119	1	0.08	<1	40	6	0.06	<2	<1	16
KAM127077		<10	<1	0.27	20	0.04	133	<1	0.05	1	40	17	0.05	<2	<1	30
KAM127078		<10	<1	0.25	20	0.04	88	1	0.08	1	40	7	0.04	<2	<1	10
KAM127079		<10	<1	0.22	20	0.03	83	3	0.07	<1	30	5	0.04	<2	<1	18
KAM127080		10	<1	0.17	<10	0.82	492	8	0.13	32	610	3	0.08	<2	5	56
KAM127081		<10	<1	0.25	20	0.06	139	10	0.07	<1	40	9	0.10	<2	<1	41
KAM127082		<10	<1	0.16	20	0.07	112	3	0.08	<1	40	7	0.11	<2	<1	32
KAM127083		<10	<1	0.24	30	0.06	142	3	0.07	1	50	10	0.08	<2	<1	25
KAM127084		<10	<1	0.24	30	0.08	166	5	0.06	1	50	11	0.08	<2	<1	27
KAM127085		<10	<1	0.34	30	0.15	201	1	0.07	1	140	9	0.02	<2	1	22
KAM127086		<10	<1	0.43	30	0.33	299	4	0.06	2	160	7	0.09	2	1	34
KAM127087		<10	<1	0.35	30	0.22	230	1	0.07	1	130	6	0.03	<2	1	22
KAM127088		<10	<1	0.29	30	0.19	221	<1	0.06	1	150	7	0.02	<2	1	24
KAM127089		10	<1	1.40	30	1.31	536	<1	0.06	24	720	4	0.02	<2	4	58
KAM127090		<10	3	0.21	10	0.63	377	843	0.09	29	450	9	1.47	28	4	58
KAM127091		<10	<1	0.59	20	0.48	282	<1	0.06	6	240	5	0.03	<2	1	24
KAM127092		<10	<1	0.42	40	0.24	191	<1	0.07	2	240	5	0.01	2	<1	25
KAM127093		<10	<1	0.66	50	0.50	297	<1	0.06	1	440	3	0.02	<2	1	27
KAM127094		10	<1	1.50	20	1.19	420	3	0.05	36	480	4	0.10	<2	2	34
KAM127095		10	<1	2.35	20	2.05	698	8	0.03	66	200	3	0.20	<2	5	13
KAM127096		10	<1	1.70	10	1.57	550	5	0.04	48	740	5	0.05	<2	3	44
KAM127097		10	<1	1.46	10	2.00	738	5	0.04	58	1410	3	0.04	<2	3	64
KAM127098		10	<1	1.48	10	2.04	623	<1	0.06	53	560	2	0.01	<2	4	39
KAM127099		10	<1	1.48	10	1.79	641	<1	0.05	61	780	3	0.02	2	3	48
KAM127100		10	<1	0.16	<10	0.79	483	7	0.12	31	580	3	0.06	<2	5	51
KAM127101		10	<1	1.15	10	1.55	617	<1	0.06	39	660	3	0.02	2	3	55
KAM127102		10	<1	0.96	10	1.29	801	<1	0.05	36	760	3	0.01	<2	4	84
KAM127103		10	<1	1.18	10	1.56	611	4	0.09	33	610	2	0.06	2	3	59
KAM127104		10	<1	1.26	20	1.61	642	<1	0.05	45	500	5	0.01	<2	5	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
KAM127065		20	0.15	<10	<10	58	<10	34
KAM127066		<20	0.19	<10	<10	91	<10	57
KAM127067		20	0.13	<10	<10	57	<10	34
KAM127068		40	<0.01	<10	<10	2	<10	6
KAM127069		40	<0.01	<10	<10	1	<10	5
KAM127070		<20	0.07	<10	<10	48	10	1340
KAM127071		50	<0.01	<10	10	1	<10	10
KAM127072		40	<0.01	<10	<10	1	<10	6
KAM127073		40	<0.01	<10	<10	1	<10	5
KAM127074		40	<0.01	<10	10	2	<10	6
KAM127075		40	<0.01	<10	<10	2	<10	6
KAM127076		40	<0.01	<10	<10	1	<10	5
KAM127077		40	<0.01	<10	<10	1	<10	3
KAM127078		40	<0.01	<10	<10	1	<10	6
KAM127079		40	<0.01	<10	<10	1	<10	5
KAM127080		<20	0.15	<10	<10	72	<10	46
KAM127081		40	<0.01	<10	10	2	<10	8
KAM127082		40	<0.01	<10	<10	2	<10	6
KAM127083		40	<0.01	<10	10	1	<10	6
KAM127084		40	0.01	<10	10	2	<10	8
KAM127085		40	0.01	<10	<10	6	<10	11
KAM127086		40	0.03	<10	<10	9	<10	16
KAM127087		40	0.02	<10	<10	5	<10	12
KAM127088		40	0.02	<10	<10	5	<10	14
KAM127089		20	0.22	<10	<10	52	<10	29
KAM127090		<20	0.09	<10	<10	60	20	56
KAM127091		20	0.05	<10	<10	10	<10	16
KAM127092		30	0.02	<10	<10	4	<10	9
KAM127093		40	0.10	<10	<10	11	<10	18
KAM127094		20	0.21	<10	<10	34	<10	41
KAM127095		<20	0.36	<10	<10	82	<10	87
KAM127096		<20	0.27	<10	<10	94	<10	56
KAM127097		<20	0.28	<10	<10	57	<10	42
KAM127098		<20	0.26	<10	<10	65	<10	43
KAM127099		<20	0.27	<10	<10	56	<10	45
KAM127100		<20	0.16	<10	<10	70	<10	45
KAM127101		<20	0.25	<10	<10	58	<10	36
KAM127102		<20	0.28	<10	<10	56	<10	31
KAM127103		<20	0.25	<10	<10	60	<10	35
KAM127104		<20	0.18	<10	<10	63	<10	36



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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
KAM127105		2.32	0.005	<0.2	2.33	8	<10	200	0.8	<2	1.64	<0.5	17	151	6	3.29
KAM127106		2.24	0.002	<0.2	2.48	5	<10	340	0.9	<2	1.09	<0.5	19	62	4	3.80
KAM127107		2.27	0.001	<0.2	1.89	7	<10	230	0.8	<2	1.49	<0.5	12	41	4	2.69
KAM127108		2.20	0.007	<0.2	1.83	20	<10	230	0.8	<2	1.72	<0.5	14	51	3	2.96
KAM127109		2.24	0.001	<0.2	2.24	15	<10	430	0.8	<2	1.52	<0.5	17	78	6	3.37
KAM127110		0.04	1.185	1.9	1.51	9	<10	1200	<0.5	<2	0.97	0.9	8	34	72	3.05
KAM127111		2.36	0.001	<0.2	2.70	<2	<10	280	1.0	<2	5.01	<0.5	21	160	8	4.02
KAM127112		2.33	0.002	<0.2	3.12	5	<10	460	1.4	<2	4.92	<0.5	24	185	8	4.01
KAM127113		2.30	0.002	<0.2	0.98	4	<10	70	0.7	<2	1.14	<0.5	5	16	3	1.73
KAM127114		2.12	0.002	<0.2	0.86	4	<10	60	<0.5	<2	0.74	<0.5	3	10	1	1.45
KAM127115		2.22	0.001	<0.2	0.71	<2	<10	30	<0.5	<2	0.42	<0.5	3	8	2	1.15
KAM127116		2.24	0.001	<0.2	0.62	2	<10	30	<0.5	<2	0.52	<0.5	2	8	2	1.07
KAM127117		2.21	0.001	<0.2	0.76	<2	<10	30	<0.5	<2	0.71	<0.5	3	7	3	1.18
KAM127118		3.22	0.001	<0.2	0.72	<2	<10	30	0.5	<2	0.82	<0.5	3	8	3	1.14





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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
KAM127105		10	<1	0.94	10	1.98	633	<1	0.05	100	280	3	0.02	2	4	47
KAM127106		10	<1	1.66	10	1.84	529	1	0.05	42	710	2	0.08	<2	4	29
KAM127107		10	<1	1.06	20	1.16	541	<1	0.04	30	560	3	0.01	<2	2	47
KAM127108		10	<1	0.99	10	1.11	632	1	0.03	36	400	4	0.02	2	3	40
KAM127109		10	<1	1.43	10	1.53	611	3	0.04	58	390	3	0.07	<2	4	39
KAM127110		10	<1	0.13	<10	0.74	465	8	0.09	32	560	84	0.11	3	5	56
KAM127111		10	<1	1.97	10	2.26	908	2	0.02	47	520	6	0.11	<2	7	101
KAM127112		10	<1	2.36	10	3.10	1050	9	0.05	74	640	3	0.22	2	6	84
KAM127113		<10	<1	0.68	30	0.54	367	6	0.05	3	260	7	0.05	<2	1	44
KAM127114		<10	<1	0.52	30	0.42	269	3	0.07	1	260	4	0.03	<2	1	34
KAM127115		<10	<1	0.48	30	0.37	216	7	0.05	1	180	6	0.04	<2	1	15
KAM127116		<10	<1	0.44	30	0.26	178	9	0.07	1	160	5	0.03	<2	1	16
KAM127117		<10	<1	0.48	40	0.39	275	6	0.06	1	240	4	0.08	<2	1	21
KAM127118		<10	<1	0.43	40	0.32	299	4	0.08	2	240	5	0.10	<2	1	25



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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
KAM127105		<20	0.14	<10	<10	45	<10	33
KAM127106		<20	0.24	<10	<10	74	<10	43
KAM127107		<20	0.14	<10	<10	33	<10	27
KAM127108		<20	0.14	<10	<10	33	<10	37
KAM127109		<20	0.17	<10	<10	51	<10	43
KAM127110		<20	0.13	<10	<10	64	<10	181
KAM127111		<20	0.20	<10	<10	58	<10	55
KAM127112		<20	0.29	<10	<10	71	<10	59
KAM127113		30	0.09	<10	<10	17	<10	22
KAM127114		30	0.06	<10	<10	9	<10	16
KAM127115		30	0.04	<10	<10	7	<10	15
KAM127116		40	0.03	<10	<10	8	<10	12
KAM127117		30	0.05	<10	<10	8	<10	18
KAM127118		30	0.04	<10	<10	8	<10	19



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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	