



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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Plus Appendix Pages  
Finalized Date: 19-DEC-2014  
Account: KAMGOL

**CERTIFICATE WH14190534**

Project: Coffee

P.O. No.: KGC-14-1439

This report is for 82 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 9-DEC-2014.

The following have access to data associated with this certificate:

TOM BOKENFOHR  
TIM SMITH

ERIC BUITENHUIS

JAMES SCOTT

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	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 WH14190534**

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
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
R512116		<0.2	1.36	63	<10	190	0.6	3	0.46	<0.5	10	35	11	2.47	<10
R512117		<0.2	1.43	40	<10	220	0.6	<2	0.30	<0.5	11	32	14	2.47	10
R512118		<0.2	1.68	73	<10	210	0.8	3	0.37	<0.5	9	27	7	2.86	10
R512119		<0.2	1.55	47	<10	300	0.7	2	0.57	<0.5	11	30	12	2.72	10
R512121		<0.2	1.43	45	<10	170	0.5	<2	0.84	<0.5	9	22	30	2.39	<10
R512122		<0.2	1.34	63	<10	150	0.5	<2	0.57	<0.5	9	22	17	2.46	<10
R512123		<0.2	0.60	2280	<10	1100	0.8	<2	1.04	<0.5	4	5	6	1.44	<10
R512124		<0.2	0.75	1810	<10	500	1.1	2	1.50	<0.5	6	8	14	2.18	<10
R512125		<0.2	0.72	95	<10	770	0.6	2	1.56	<0.5	5	11	4	1.68	<10
R512126		<0.2	0.62	60	<10	180	0.7	<2	1.57	<0.5	5	18	4	1.49	<10
R512127		<0.2	0.94	1955	<10	570	1.2	<2	1.86	<0.5	9	16	3	2.24	<10
R512128		<0.2	0.95	1125	<10	170	0.9	3	3.28	<0.5	6	6	3	1.92	<10
R512129		<0.2	0.71	4180	<10	110	1.3	<2	1.71	<0.5	7	5	8	2.50	<10
R512131		<0.2	0.71	525	<10	100	1.0	<2	1.16	<0.5	6	14	3	1.74	<10
R512132		<0.2	2.31	80	<10	270	1.0	<2	2.11	<0.5	20	124	4	3.77	10
R512133		<0.2	1.86	48	<10	210	0.8	2	1.20	<0.5	21	140	16	3.12	10
R512134		<0.2	2.11	58	<10	350	0.8	<2	0.60	<0.5	16	142	4	2.91	10
R512135		<0.2	2.07	44	<10	220	0.8	<2	1.67	<0.5	14	101	4	2.84	10
R512136		<0.2	1.48	81	<10	190	0.7	<2	0.55	<0.5	12	54	10	2.83	10
R512137		<0.2	2.11	82	<10	210	0.9	2	1.10	<0.5	16	117	3	3.45	10
R512138		<0.2	1.21	133	<10	160	1.4	2	0.58	<0.5	13	75	5	2.90	<10
R512139		<0.2	1.38	93	<10	170	0.8	<2	0.51	<0.5	13	104	13	2.91	10
R512141		<0.2	1.41	60	<10	170	0.6	<2	0.58	<0.5	13	156	23	2.77	<10
R512142		<0.2	1.65	71	<10	220	0.9	2	0.71	<0.5	15	175	14	3.33	10
R512143		<0.2	2.61	75	<10	240	1.4	<2	0.74	<0.5	22	182	20	4.25	10
R512144		<0.2	2.25	19	<10	320	1.2	<2	5.52	<0.5	20	182	14	3.68	10
R512145		<0.2	1.77	8	<10	200	<0.5	<2	2.03	<0.5	16	213	9	2.46	<10
R512146		<0.2	1.76	11	<10	100	<0.5	<2	2.51	<0.5	15	187	7	2.26	10
R512147		<0.2	0.71	28	<10	60	<0.5	<2	0.65	<0.5	6	56	7	1.60	<10
R512148		<0.2	1.62	19	<10	110	0.5	<2	1.58	<0.5	14	134	6	2.49	10
R512149		<0.2	1.98	18	<10	220	0.8	<2	3.08	<0.5	16	195	5	2.90	10
R512151		<0.2	0.65	33	<10	170	<0.5	2	0.28	<0.5	5	25	6	1.52	<10
R512152		<0.2	1.94	54	<10	180	1.0	<2	1.51	<0.5	15	173	6	3.51	10
R512153		<0.2	2.05	44	<10	230	0.8	<2	0.86	<0.5	17	97	15	3.11	10
R512154		<0.2	2.08	45	<10	330	0.6	2	0.82	<0.5	15	58	8	2.97	10
R512155		<0.2	1.96	50	<10	190	0.7	<2	1.53	<0.5	18	86	27	2.82	10
R512156		<0.2	1.06	41	<10	90	0.5	2	1.70	<0.5	13	137	12	1.63	<10
R512157		<0.2	1.06	23	<10	240	0.5	<2	3.12	<0.5	12	190	6	1.83	<10
R512158		<0.2	1.54	35	<10	120	0.6	<2	0.95	<0.5	18	108	20	2.16	<10
R512159		<0.2	1.41	19	<10	140	<0.5	3	2.23	<0.5	14	115	6	1.84	<10



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**CERTIFICATE OF ANALYSIS WH14190534**

Sample Description	Method Analyte Units LOR	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	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
R512116		0.46	20	0.71	501	<1	0.06	19	380	8	0.01	2	4	28	20	0.09
R512117		0.72	20	0.74	448	1	0.04	21	340	8	<0.01	<2	3	31	20	0.09
R512118		0.85	40	0.84	575	<1	0.04	21	410	9	0.01	<2	4	23	20	0.09
R512119		0.96	40	0.79	518	<1	0.06	25	290	6	0.01	<2	4	17	20	0.10
R512121		0.97	40	0.81	445	<1	0.04	20	330	7	0.01	<2	4	19	20	0.10
R512122		0.69	40	0.71	465	<1	0.04	18	360	3	0.01	<2	3	21	20	0.08
R512123		0.24	40	0.19	389	<1	0.01	4	200	12	0.10	5	1	42	30	<0.01
R512124		0.21	40	0.31	339	<1	0.03	8	300	13	0.15	5	4	41	20	<0.01
R512125		0.16	30	0.39	360	<1	0.06	6	340	4	0.04	<2	3	62	20	0.02
R512126		0.24	30	0.19	244	2	0.08	6	240	4	0.04	<2	4	29	30	0.01
R512127		0.20	30	0.11	573	<1	0.02	10	400	13	0.04	4	6	29	20	<0.01
R512128		0.26	30	0.18	455	<1	0.01	4	300	25	0.08	3	3	32	20	<0.01
R512129		0.29	30	0.08	323	<1	<0.01	6	430	14	0.01	4	3	27	20	<0.01
R512131		0.18	30	0.06	254	<1	0.04	10	290	4	0.01	3	3	21	20	<0.01
R512132		0.87	20	2.12	759	<1	0.04	42	570	<2	0.01	<2	9	64	<20	0.13
R512133		0.74	20	1.65	467	<1	0.07	48	450	4	<0.01	<2	5	48	20	0.15
R512134		1.02	20	1.95	566	<1	0.05	41	550	<2	0.01	<2	4	34	20	0.16
R512135		0.63	10	1.58	591	<1	0.04	38	1010	3	<0.01	2	5	111	<20	0.26
R512136		0.43	40	1.06	468	<1	0.05	18	560	2	0.01	2	6	31	20	0.05
R512137		0.60	20	1.90	758	<1	0.06	48	830	10	<0.01	<2	6	96	<20	0.21
R512138		0.32	30	0.55	546	<1	0.04	34	550	11	0.01	2	7	38	20	0.05
R512139		0.52	20	1.18	517	1	0.02	41	510	28	0.01	3	6	72	<20	0.09
R512141		0.61	10	1.38	500	<1	0.03	18	460	58	0.01	<2	5	46	<20	0.15
R512142		0.62	20	1.62	790	<1	0.02	34	450	56	0.01	<2	6	150	<20	0.16
R512143		1.27	20	2.62	787	<1	0.03	69	460	8	0.01	<2	9	109	<20	0.14
R512144		1.02	20	2.36	778	2	0.02	56	530	19	0.03	<2	7	164	<20	0.09
R512145		0.71	10	1.76	390	<1	0.05	19	650	12	0.01	<2	4	73	<20	0.25
R512146		0.55	10	1.50	391	<1	0.04	57	590	3	0.01	<2	3	114	<20	0.25
R512147		0.30	30	0.55	238	1	0.10	13	250	5	0.01	<2	2	27	30	0.05
R512148		0.85	10	1.61	428	<1	0.07	63	500	2	0.01	<2	3	53	<20	0.23
R512149		0.93	20	1.99	643	<1	0.06	46	590	2	0.01	<2	6	70	<20	0.24
R512151		0.25	40	0.42	184	1	0.09	6	250	2	0.02	<2	1	31	30	0.02
R512152		0.90	30	2.02	879	<1	0.05	52	600	13	0.01	<2	7	78	20	0.13
R512153		0.80	10	1.65	691	1	0.04	59	810	13	<0.01	2	4	71	<20	0.20
R512154		0.98	30	1.49	748	<1	0.03	21	690	16	<0.01	5	6	34	<20	0.14
R512155		0.50	20	1.49	590	<1	0.02	33	810	5	<0.01	5	5	60	<20	0.11
R512156		0.17	10	0.80	448	<1	0.02	23	510	4	<0.01	6	5	55	<20	0.14
R512157		0.10	10	1.14	477	1	0.02	31	370	5	0.01	2	6	74	<20	0.15
R512158		0.42	10	1.30	449	1	0.03	47	650	6	<0.01	6	4	57	<20	0.20
R512159		0.57	10	1.24	386	<1	0.04	40	520	7	<0.01	2	2	55	<20	0.21



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**CERTIFICATE OF ANALYSIS WH14190534**

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
R512116		<10	<10	32	<10	32
R512117		<10	<10	26	<10	29
R512118		<10	<10	23	<10	27
R512119		<10	<10	25	<10	33
R512121		<10	<10	20	<10	39
R512122		<10	<10	19	<10	32
R512123		<10	<10	5	<10	18
R512124		<10	<10	14	<10	30
R512125		<10	<10	17	<10	23
R512126		<10	<10	18	<10	15
R512127		<10	10	23	<10	36
R512128		<10	<10	10	<10	29
R512129		<10	<10	11	<10	27
R512131		<10	<10	16	<10	23
R512132		<10	<10	62	<10	53
R512133		<10	<10	44	<10	38
R512134		<10	<10	42	<10	41
R512135		<10	<10	42	<10	39
R512136		<10	<10	40	<10	32
R512137		<10	<10	52	<10	42
R512138		<10	<10	41	<10	44
R512139		<10	<10	42	<10	64
R512141		<10	<10	44	<10	56
R512142		<10	<10	60	<10	51
R512143		<10	<10	70	<10	65
R512144		<10	<10	54	60	65
R512145		<10	<10	57	<10	55
R512146		<10	<10	39	<10	31
R512147		<10	<10	15	<10	12
R512148		<10	<10	46	<10	31
R512149		<10	<10	62	<10	37
R512151		<10	<10	10	<10	10
R512152		<10	<10	57	<10	60
R512153		<10	<10	49	<10	58
R512154		<10	<10	60	<10	46
R512155		<10	<10	44	<10	47
R512156		<10	<10	34	<10	20
R512157		<10	<10	39	<10	25
R512158		<10	<10	37	<10	31
R512159		<10	<10	33	<10	29



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**CERTIFICATE OF ANALYSIS WH14190534**

Sample Description	Method Analyte Units LOR	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	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1
R512161		<0.2	0.84	20	<10	420	<0.5	<2	1.88	<0.5	12	143	14	1.29	<10	<1
R512162		<0.2	1.09	31	<10	150	<0.5	<2	2.54	<0.5	15	154	8	1.69	<10	<1
R512163		<0.2	1.29	7	<10	170	<0.5	<2	3.67	<0.5	16	184	10	1.80	<10	1
R512164		<0.2	2.12	6	<10	400	0.6	<2	3.30	<0.5	18	152	6	2.91	10	<1
R512165		<0.2	1.58	20	<10	370	0.6	<2	1.45	<0.5	12	61	6	2.23	<10	<1
R512166		<0.2	2.37	69	<10	380	1.2	<2	2.42	<0.5	18	115	6	3.32	10	<1
R512167		<0.2	1.80	31	<10	1210	0.9	<2	4.48	<0.5	15	143	5	2.68	<10	1
R512168		<0.2	1.84	14	<10	570	1.4	2	6.33	<0.5	22	216	14	3.47	10	1
R512169		<0.2	2.31	10	<10	600	1.0	<2	4.46	<0.5	19	187	5	3.58	10	1
R512171		<0.2	1.73	10	<10	440	0.7	<2	2.21	<0.5	12	92	4	2.61	10	1
R512172		<0.2	2.15	14	<10	540	0.8	<2	3.42	<0.5	21	167	7	3.06	10	<1
R512173		<0.2	1.92	5	<10	310	0.7	<2	2.92	<0.5	30	134	4	3.23	10	1
R512174		<0.2	1.63	3	<10	260	0.5	<2	2.88	<0.5	16	121	6	2.42	<10	<1
R512175		<0.2	1.77	3	<10	270	<0.5	<2	2.34	<0.5	16	114	7	2.36	10	1
R512176		<0.2	2.01	4	<10	250	0.5	<2	2.69	<0.5	19	88	9	2.69	10	1
R512177		<0.2	2.54	12	<10	240	1.3	2	4.64	<0.5	25	140	10	3.52	10	1
R512178		<0.2	2.42	16	<10	150	1.4	2	5.15	<0.5	23	137	4	3.65	10	1
R512179		<0.2	2.14	13	<10	140	1.0	<2	4.64	<0.5	22	157	8	3.04	10	1
R512181		<0.2	2.04	20	<10	230	0.6	<2	3.12	<0.5	19	114	9	2.78	10	<1
R512182		<0.2	2.10	5	<10	370	0.5	<2	2.94	<0.5	17	148	12	2.73	10	<1
R512183		0.3	1.80	9	<10	350	0.5	2	2.50	<0.5	18	164	17	2.38	10	1
R512184		<0.2	1.85	10	<10	260	0.5	<2	3.16	<0.5	22	65	47	2.68	<10	<1
R512185		<0.2	2.04	6	<10	390	0.5	<2	2.71	<0.5	23	99	12	3.09	10	1
R512186		<0.2	2.49	7	<10	570	0.7	2	3.26	<0.5	23	93	16	3.64	10	1
R512187		<0.2	1.83	10	<10	340	0.7	2	2.03	<0.5	18	91	9	2.89	10	<1
R512188		<0.2	1.66	25	<10	270	1.0	2	2.92	<0.5	12	24	10	2.44	<10	<1
R512189		<0.2	0.48	54	<10	90	0.5	<2	1.05	<0.5	2	10	2	0.73	<10	1
R512191		<0.2	0.70	2930	10	130	1.3	2	3.83	<0.5	16	62	5	2.87	<10	1
R512192		<0.2	2.13	170	<10	430	2.0	<2	6.36	<0.5	27	282	6	4.60	10	1
R512193		<0.2	2.08	17	<10	300	1.2	<2	6.09	<0.5	19	241	6	3.42	10	1
R512194		<0.2	2.04	262	<10	210	1.5	<2	7.27	<0.5	20	289	5	3.54	10	<1
R512195		<0.2	0.83	7180	10	80	1.8	<2	3.87	<0.5	15	51	7	4.00	<10	1
R512196		<0.2	1.46	1120	<10	170	1.1	<2	1.65	<0.5	17	44	18	3.41	<10	<1
R512197		<0.2	1.95	167	<10	210	1.2	5	1.46	<0.5	21	153	40	3.67	10	1
R512198		<0.2	2.69	76	<10	310	1.1	<2	2.87	<0.5	19	181	27	4.27	10	<1
R512199		<0.2	1.75	54	<10	160	0.7	2	2.03	<0.5	18	156	17	2.82	10	1
R512201		<0.2	1.61	33	<10	220	1.0	2	2.90	<0.5	16	83	11	2.96	10	<1
R512202		<0.2	1.71	13	<10	660	0.7	2	2.05	<0.5	18	120	12	2.90	10	<1
R512203		<0.2	1.96	16	<10	920	0.6	<2	1.49	<0.5	15	70	5	3.00	10	1
R512204		<0.2	1.78	25	<10	1040	0.9	<2	2.99	<0.5	18	162	11	3.22	10	1



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Sample Description	Method Analyte Units LOR	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	ME-ICP41 Sr ppm	ME-ICP41 Th ppm	ME-ICP41 Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20	0.01
R512161		0.16	10	0.71	312	1	0.04	19	330	3	0.01	3	3	60	<20	0.15
R512162		0.32	10	0.99	443	<1	0.03	30	420	5	<0.01	4	5	69	<20	0.15
R512163		0.36	10	1.22	583	1	0.04	32	480	4	0.01	2	5	78	<20	0.17
R512164		1.21	10	1.90	653	1	0.05	44	950	7	0.04	2	6	81	<20	0.21
R512165		0.87	30	1.08	525	<1	0.05	30	570	9	<0.01	3	4	45	<20	0.16
R512166		1.14	20	1.84	1180	1	0.03	60	680	17	<0.01	8	6	93	<20	0.17
R512167		0.77	10	1.46	1060	1	0.03	43	530	15	0.04	7	6	127	<20	0.15
R512168		0.87	20	1.90	820	<1	0.02	40	690	23	0.08	8	12	97	<20	0.11
R512169		1.33	20	2.16	1020	1	0.04	60	550	21	0.14	2	8	86	<20	0.14
R512171		1.09	40	1.37	691	<1	0.04	22	520	113	0.02	4	6	37	20	0.11
R512172		1.34	20	1.86	802	1	0.03	60	490	23	0.01	2	7	154	<20	0.15
R512173		1.05	10	1.66	844	5	0.05	46	560	42	0.02	6	6	94	<20	0.18
R512174		0.87	10	1.44	595	3	0.05	62	560	11	0.12	<2	4	97	<20	0.21
R512175		0.84	10	1.44	440	1	0.05	50	600	5	0.17	<2	4	84	<20	0.24
R512176		0.85	10	1.87	553	1	0.04	40	530	4	0.08	<2	5	85	<20	0.22
R512177		0.93	20	1.99	897	1	0.02	63	580	18	0.10	6	10	90	<20	0.10
R512178		0.74	20	1.66	879	3	0.02	51	630	27	<0.01	6	13	70	<20	0.04
R512179		0.53	10	1.84	852	2	0.04	62	670	53	<0.01	4	8	99	<20	0.07
R512181		0.82	10	1.84	648	<1	0.06	57	650	12	0.03	5	6	74	<20	0.14
R512182		1.11	10	2.17	644	1	0.07	46	650	19	0.20	2	5	75	<20	0.17
R512183		1.13	10	1.87	505	2	0.05	43	500	39	0.34	4	3	62	<20	0.18
R512184		0.96	10	1.74	582	1	0.05	21	690	11	0.32	2	4	95	<20	0.20
R512185		1.10	10	2.11	586	1	0.06	40	710	10	0.32	3	6	66	<20	0.21
R512186		1.39	10	2.49	909	1	0.05	23	790	27	0.54	3	8	73	<20	0.18
R512187		0.97	10	1.68	501	1	0.06	23	610	12	0.21	3	7	47	<20	0.14
R512188		0.99	40	1.23	502	1	0.02	5	450	12	0.02	2	6	29	20	0.08
R512189		0.20	20	0.39	158	1	0.01	1	50	8	<0.01	4	1	19	30	<0.01
R512191		0.35	20	1.01	506	1	<0.01	23	420	16	0.03	10	8	105	20	<0.01
R512192		1.08	20	1.91	1050	<1	0.02	50	560	17	0.03	10	19	58	<20	0.07
R512193		1.04	10	1.84	840	<1	0.03	42	630	15	0.07	2	11	61	<20	0.12
R512194		0.95	20	1.66	1305	<1	0.02	56	650	13	0.03	4	16	85	<20	0.09
R512195		0.34	20	1.28	773	1	<0.01	31	390	20	0.02	7	11	207	<20	<0.01
R512196		0.58	20	0.85	429	1	0.03	27	530	7	<0.01	8	7	40	<20	0.05
R512197		0.80	20	1.65	596	<1	0.05	67	730	12	<0.01	5	7	66	<20	0.13
R512198		1.26	20	2.63	744	<1	0.04	51	1030	7	<0.01	2	10	97	<20	0.15
R512199		0.49	10	1.76	450	<1	0.08	50	920	4	<0.01	2	6	78	<20	0.18
R512201		0.77	20	1.85	478	1	0.05	39	610	6	0.04	3	7	137	<20	0.08
R512202		0.97	10	1.91	419	1	0.07	46	630	3	0.32	<2	5	124	<20	0.20
R512203		1.22	30	1.84	359	1	0.05	36	600	5	0.09	<2	7	81	<20	0.14
R512204		1.04	10	1.93	547	3	0.06	77	810	8	0.21	4	6	145	<20	0.21



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	U	V	W	Zn
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
R512161		<10	<10	29	<10	12
R512162		<10	<10	42	<10	22
R512163		<10	<10	48	<10	26
R512164		<10	<10	62	<10	49
R512165		<10	<10	36	<10	40
R512166		<10	<10	54	<10	70
R512167		<10	<10	52	<10	55
R512168		<10	<10	74	<10	63
R512169		<10	<10	69	<10	77
R512171		<10	<10	41	<10	74
R512172		<10	<10	63	<10	59
R512173		<10	<10	58	<10	67
R512174		<10	<10	41	<10	44
R512175		<10	<10	42	<10	34
R512176		<10	<10	42	<10	47
R512177		<10	<10	62	<10	59
R512178		<10	<10	70	<10	71
R512179		<10	<10	55	<10	107
R512181		<10	<10	51	<10	53
R512182		<10	<10	53	<10	66
R512183		<10	<10	44	<10	70
R512184		<10	<10	50	<10	42
R512185		<10	<10	68	<10	46
R512186		<10	<10	81	<10	88
R512187		<10	<10	46	<10	39
R512188		<10	<10	54	<10	35
R512189		<10	<10	3	<10	5
R512191		<10	10	28	<10	34
R512192		<10	<10	94	<10	79
R512193		<10	<10	71	<10	69
R512194		<10	<10	83	<10	73
R512195		<10	10	24	<10	45
R512196		<10	<10	37	<10	32
R512197		<10	<10	54	<10	63
R512198		<10	<10	66	<10	56
R512199		<10	<10	53	<10	41
R512201		<10	<10	52	<10	42
R512202		<10	<10	50	<10	36
R512203		<10	<10	49	<10	29
R512204		<10	<10	53	<10	47



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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	ME-ICP41
		Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10	1
R512205		<0.2	0.65	6890	<10	90	1.6	<2	3.82	<0.5	15	46	6	3.84	<10	1
R512206		<0.2	1.92	62	<10	360	0.5	2	2.61	<0.5	21	91	13	2.99	10	<1





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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
		K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
R512205		0.29	20	1.25	763	1	<0.01	30	390	19	0.02	7	10	200	<20
R512206		1.06	10	2.01	562	1	0.06	41	650	8	0.28	<2	5	66	<20



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tl	U	V	W	Zn
		ppm	ppm	ppm	ppm	ppm
		10	10	1	10	2
R512205		<10	10	22	<10	45
R512206		<10	<10	63	<10	45



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### CERTIFICATE COMMENTS

#### LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
FND-02 ME-ICP41