



ALS Canada Ltd.

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To: **GOLDCORP KAMINAK LTD**  
**SUITE 3400 - 666 BURRARD STREET**  
**VANCOUVER BC V6C 2X8**

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Total # Pages: 5 (A - C)  
Plus Appendix Pages  
Finalized Date: 6-MAY-2018  
Account: KAMGOL

**CERTIFICATE WH18091828**

Project: Coffee

P.O. No.: KGC-18-1099

This report is for 149 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 23-APR-2018.

The following have access to data associated with this certificate:

THOMAS BISSIG  
ROBERT PENCZAK  
TIM SMITH

TOM BOKENFOHR  
ERIK SCHEEL

IAN HERBRANSON  
JAMES SCOTT

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
LOG-23	Pulp Login - Rcvd with Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA13	Au by cyanide leach and AAS	AAS
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **GOLDCORP KAMINAK LTD**  
**ATTN: TIM SMITH**  
**SUITE 3400 - 666 BURRARD STREET**  
**VANCOUVER BC V6C 2X8**

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 WH18091828**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-ICP21 Au ppm	Au-AA13 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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
W623735		2.19	0.041			<0.2	0.73	61	<10	90	<0.5	<2	0.21	<0.5	6	18
W623736		1.32	0.026			<0.2	0.78	56	<10	100	<0.5	<2	0.25	<0.5	7	21
W623737		1.25	0.019			<0.2	0.69	31	<10	180	<0.5	<2	0.20	<0.5	6	15
W623738		1.92	0.018			<0.2	0.95	39	<10	110	<0.5	<2	0.22	<0.5	8	23
W623739		1.97	0.017			<0.2	0.37	10	<10	60	<0.5	<2	0.06	<0.5	2	7
W623740		0.06	<0.001			<0.2	1.52	<2	<10	120	<0.5	<2	0.87	<0.5	8	10
W623741		1.66	<0.001			<0.2	0.44	7	<10	60	<0.5	2	0.06	<0.5	1	7
W623742		1.80	0.001			<0.2	0.44	7	<10	50	<0.5	<2	0.10	<0.5	3	8
W623743		1.90	0.005			<0.2	1.01	21	<10	120	<0.5	<2	0.30	<0.5	8	13
W623744		1.77	0.002			<0.2	0.79	15	<10	100	<0.5	<2	0.19	<0.5	6	11
W623745		1.62	0.005			<0.2	0.57	39	<10	120	<0.5	<2	0.12	<0.5	5	12
W623746		1.90	0.004			<0.2	0.72	18	<10	140	<0.5	2	0.16	<0.5	5	9
W623747		1.86	0.001			<0.2	0.37	12	<10	60	<0.5	<2	0.10	<0.5	2	8
W623748		1.63	<0.001			<0.2	0.52	9	<10	50	<0.5	<2	0.11	<0.5	4	7
W623749		1.92	0.001			<0.2	0.54	29	<10	80	<0.5	2	0.14	<0.5	5	7
W623750		0.06	1.225		1.01	<0.2	2.98	30	<10	120	<0.5	<2	2.04	<0.5	14	113
W623751		2.17	0.001			<0.2	0.66	9	<10	100	<0.5	<2	0.16	<0.5	5	9
W623752		2.17	<0.001			<0.2	0.99	10	<10	170	<0.5	<2	0.56	<0.5	7	76
W623753		1.94	0.002			<0.2	2.00	20	<10	320	0.5	2	2.41	<0.5	22	223
W623754		2.22	0.001			<0.2	1.15	13	<10	310	<0.5	2	0.89	<0.5	16	143
W623755		2.54	0.001			<0.2	1.84	5	<10	310	<0.5	2	1.82	<0.5	18	172
W623756		2.39	<0.001			<0.2	1.61	6	<10	210	<0.5	<2	1.42	<0.5	15	89
W623757		2.11	<0.001			<0.2	1.88	8	<10	370	0.7	<2	1.48	<0.5	17	71
W623758		2.55	0.001			<0.2	1.46	12	<10	840	<0.5	<2	1.68	<0.5	16	96
W623759		2.15	<0.001			<0.2	1.52	9	<10	840	<0.5	2	2.01	<0.5	17	86
W623760		0.06	<0.001			0.2	1.48	<2	<10	120	<0.5	<2	0.82	<0.5	9	10
W623761		2.05	<0.001			<0.2	0.43	6	<10	700	<0.5	<2	1.13	<0.5	2	12
W623762		2.19	<0.001			<0.2	1.30	4	<10	140	0.7	<2	1.22	<0.5	10	51
W623763		2.33	<0.001			<0.2	2.08	3	<10	440	0.5	<2	2.11	<0.5	17	132
W623764		2.21	<0.001			<0.2	1.84	6	<10	770	0.5	<2	1.95	<0.5	18	159
W623765		2.42	0.001			<0.2	1.78	3	<10	590	0.7	2	2.11	<0.5	15	118
W623766		2.32	0.001			<0.2	2.39	6	<10	410	0.9	<2	2.25	<0.5	21	155
W623767		2.67	0.002			<0.2	1.45	3	<10	160	<0.5	<2	1.50	<0.5	16	112
W623768		2.15	0.002			<0.2	0.84	7	<10	570	<0.5	<2	1.64	<0.5	9	75
W623769		2.22	0.003			<0.2	1.20	6	<10	410	<0.5	<2	2.30	<0.5	11	100
W623770		0.06	8.15		4.18	5.6	1.89	40	10	180	<0.5	<2	1.10	3.0	14	32
W623771		2.24	0.004			<0.2	1.56	4	<10	290	<0.5	<2	2.18	<0.5	18	118
W623772		2.02	0.002			<0.2	1.17	7	<10	140	0.5	<2	0.97	<0.5	6	44
W623773		1.76	<0.001			<0.2	0.55	7	<10	40	<0.5	<2	0.38	<0.5	2	9
W623774		2.13	<0.001			<0.2	0.45	5	<10	250	<0.5	<2	1.41	<0.5	1	10



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**CERTIFICATE OF ANALYSIS WH18091828**

Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	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
W623735		9	1.63	<10	<1	0.11	20	0.23	360	1	0.02	11	280	5	0.01	12
W623736		10	1.72	<10	<1	0.15	20	0.28	355	1	0.02	13	320	4	0.01	3
W623737		9	1.59	<10	<1	0.21	20	0.27	237	2	0.02	9	300	7	0.04	2
W623738		22	1.88	<10	<1	0.30	50	0.38	251	2	0.02	35	320	7	0.01	4
W623739		12	1.45	<10	<1	0.18	30	0.18	84	3	0.03	4	240	6	0.27	<2
W623740		94	2.67	10	<1	0.20	10	0.73	374	2	0.15	4	610	4	0.02	<2
W623741		9	1.37	<10	<1	0.21	40	0.16	82	3	0.04	4	240	5	0.21	<2
W623742		6	1.33	<10	<1	0.24	30	0.20	89	3	0.03	4	270	4	0.17	<2
W623743		10	2.02	<10	<1	0.51	40	0.59	312	3	0.03	8	460	2	0.03	<2
W623744		11	1.76	<10	<1	0.49	50	0.40	243	2	0.03	29	380	2	0.02	<2
W623745		7	1.32	<10	<1	0.30	40	0.24	194	2	0.04	7	260	3	0.01	2
W623746		7	1.27	<10	<1	0.42	50	0.42	237	2	0.03	5	360	4	0.01	2
W623747		6	1.05	<10	<1	0.18	50	0.14	93	3	0.04	3	240	4	0.07	<2
W623748		8	1.25	<10	<1	0.27	40	0.25	132	3	0.04	3	250	5	0.01	2
W623749		9	1.43	<10	<1	0.32	60	0.23	210	4	0.03	5	370	5	0.01	<2
W623750		117	2.93	10	<1	0.23	10	1.36	406	4	0.35	124	370	12	0.06	3
W623751		6	1.33	<10	<1	0.41	60	0.33	201	3	0.04	5	390	3	0.01	2
W623752		5	1.53	<10	<1	0.58	40	0.77	288	3	0.04	20	310	4	0.01	2
W623753		15	3.07	10	<1	1.24	10	2.19	519	1	0.04	92	430	3	0.01	<2
W623754		13	1.85	<10	<1	0.65	20	1.12	282	1	0.04	67	300	5	0.01	2
W623755		13	2.55	10	<1	1.30	10	1.79	475	1	0.06	51	570	3	0.10	<2
W623756		7	2.12	<10	<1	0.94	10	1.49	374	1	0.06	45	620	4	<0.01	<2
W623757		12	2.87	10	<1	1.41	20	1.74	519	1	0.04	32	620	2	0.13	<2
W623758		25	2.43	<10	<1	1.01	10	1.35	513	1	0.03	41	480	5	0.06	2
W623759		27	2.49	10	<1	0.99	10	1.32	533	1	0.04	35	600	3	0.02	<2
W623760		94	2.67	<10	<1	0.20	10	0.70	380	2	0.15	5	620	2	0.01	<2
W623761		6	1.02	<10	<1	0.32	20	0.31	208	2	0.02	3	130	3	0.02	<2
W623762		8	1.94	10	<1	1.03	20	1.11	463	1	0.03	19	370	2	0.01	<2
W623763		7	2.82	10	<1	1.59	10	2.10	607	1	0.05	40	610	<2	0.05	2
W623764		15	2.47	10	<1	1.42	10	1.86	477	1	0.04	36	510	2	0.07	<2
W623765		13	2.22	10	<1	1.48	10	1.72	529	1	0.04	45	580	4	0.02	3
W623766		16	2.90	10	<1	1.95	10	2.43	627	1	0.04	45	520	3	0.01	3
W623767		15	1.87	<10	<1	0.97	10	1.30	277	1	0.03	33	610	<2	0.01	<2
W623768		9	1.48	<10	<1	0.54	10	0.75	300	1	0.03	22	450	2	0.01	2
W623769		7	1.59	<10	<1	0.84	20	1.12	373	1	0.03	29	370	3	0.01	2
W623770		1880	3.76	10	<1	0.25	10	0.94	619	25	0.21	169	570	322	0.44	8
W623771		11	1.81	<10	<1	0.95	<10	1.42	359	1	0.04	33	420	2	<0.01	<2
W623772		10	1.84	<10	<1	0.82	30	0.90	365	2	0.04	9	300	49	<0.01	3
W623773		3	1.02	<10	<1	0.36	30	0.33	172	2	0.04	3	150	6	<0.01	<2
W623774		4	0.98	<10	<1	0.31	20	0.31	250	2	0.03	3	230	4	0.01	3



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**CERTIFICATE OF ANALYSIS WH18091828**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sc	Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
W623735		2	16	20	0.03	<10	<10	25	<10	20
W623736		2	19	20	0.05	<10	<10	26	<10	23
W623737		2	21	30	0.07	<10	<10	23	<10	20
W623738		2	23	20	0.08	<10	<10	23	<10	26
W623739		1	28	30	0.10	<10	<10	9	<10	11
W623740		2	70	<20	0.13	<10	<10	96	<10	37
W623741		1	33	30	0.10	<10	<10	8	<10	9
W623742		1	32	30	0.09	<10	<10	9	<10	10
W623743		2	27	30	0.13	<10	<10	20	<10	22
W623744		1	17	30	0.09	<10	<10	10	<10	15
W623745		1	11	30	0.03	<10	<10	7	<10	12
W623746		1	14	30	0.06	<10	<10	14	<10	26
W623747		1	10	30	0.03	<10	<10	4	<10	7
W623748		1	15	30	0.03	<10	<10	5	<10	9
W623749		1	13	30	0.04	<10	<10	8	<10	14
W623750		3	94	<20	0.11	<10	<10	71	<10	84
W623751		1	14	30	0.06	<10	<10	8	<10	13
W623752		2	29	30	0.07	<10	<10	18	<10	17
W623753		5	85	<20	0.20	<10	<10	57	<10	28
W623754		2	68	<20	0.15	<10	<10	31	<10	22
W623755		3	60	<20	0.20	<10	<10	41	<10	34
W623756		2	45	<20	0.17	<10	<10	34	<10	25
W623757		2	40	<20	0.19	<10	<10	53	<10	33
W623758		2	227	<20	0.16	<10	<10	39	<10	25
W623759		2	131	<20	0.18	<10	<10	41	<10	27
W623760		2	65	<20	0.12	<10	<10	97	<10	36
W623761		<1	196	20	0.04	<10	<10	7	<10	9
W623762		2	76	20	0.14	<10	<10	28	<10	25
W623763		2	61	<20	0.23	<10	<10	46	<10	36
W623764		2	95	<20	0.22	<10	<10	49	<10	29
W623765		2	120	<20	0.23	<10	<10	57	<10	34
W623766		3	99	<20	0.25	<10	<10	62	<10	40
W623767		1	64	<20	0.22	<10	<10	34	<10	24
W623768		1	325	<20	0.15	<10	<10	39	<10	18
W623769		1	1005	<20	0.14	<10	<10	34	<10	23
W623770		3	87	<20	0.15	<10	<10	99	<10	623
W623771		2	71	<20	0.19	<10	<10	34	<10	31
W623772		1	73	30	0.10	<10	<10	23	<10	26
W623773		<1	19	30	0.03	<10	<10	5	<10	11
W623774		1	248	30	0.02	<10	<10	13	<10	12



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-ICP21 Au ppm	Au-AA13 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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
W623775		2.28	<0.001			<0.2	0.31	9	<10	3150	<0.5	<2	2.43	<0.5	1	10
W623776		2.21	0.002			<0.2	0.23	16	<10	3250	0.5	<2	1.96	<0.5	1	11
W623777		1.90	<0.001			<0.2	0.18	8	<10	590	<0.5	<2	0.42	<0.5	1	9
W623778		2.14	0.002			<0.2	0.19	15	<10	120	<0.5	<2	0.35	<0.5	1	8
W623779		1.91	<0.001			<0.2	0.25	5	<10	40	0.5	<2	0.36	<0.5	1	9
W623780		0.06	<0.001			<0.2	1.53	<2	<10	120	<0.5	<2	0.87	<0.5	8	10
W623781		1.98	<0.001			<0.2	0.15	3	<10	1100	<0.5	<2	0.46	<0.5	1	11
W623782		1.82	<0.001			<0.2	0.17	3	<10	140	<0.5	<2	0.49	<0.5	1	9
W623783		2.02	<0.001			<0.2	0.16	10	<10	110	<0.5	<2	0.35	<0.5	1	9
W623784		2.07	<0.001			<0.2	0.17	19	<10	130	<0.5	<2	0.03	<0.5	1	10
W623785		2.41	0.001			<0.2	0.20	19	<10	90	<0.5	<2	0.03	<0.5	<1	9
W623786		2.16	0.037			<0.2	0.24	56	<10	460	0.5	<2	0.04	<0.5	1	9
W623787		1.81	2.32		2.31	0.2	0.46	1055	<10	640	1.1	<2	0.70	<0.5	4	10
W623788		1.96	0.108			<0.2	0.26	61	<10	60	0.5	<2	0.26	<0.5	1	10
W623789		2.08	0.053			<0.2	0.24	39	<10	160	<0.5	<2	0.05	<0.5	1	9
W623790		<0.02	3.05		2.83	0.9	2.55	162	<10	180	<0.5	<2	1.80	<0.5	28	432
W623791		1.75	0.025			<0.2	0.25	35	<10	90	<0.5	<2	0.04	<0.5	1	10
W623792		1.88	0.014			<0.2	0.24	22	<10	70	<0.5	<2	0.04	<0.5	1	10
W623793		1.77	0.008			<0.2	0.24	21	<10	60	<0.5	<2	0.05	<0.5	1	9
W623794		2.40	0.005			<0.2	0.23	21	<10	60	<0.5	<2	0.04	<0.5	1	9
W623795		2.48	0.006			<0.2	0.24	17	<10	70	<0.5	<2	0.07	<0.5	1	9
W623796		1.80	0.004			<0.2	0.24	10	<10	70	<0.5	<2	0.15	<0.5	1	10
W623797		1.74	0.041			<0.2	0.76	921	<10	300	1.0	<2	0.58	<0.5	12	6
W623798		1.95	0.016			<0.2	4.06	87	<10	700	0.7	<2	5.26	<0.5	29	8
W623799		2.15	0.009			<0.2	4.35	54	<10	940	0.6	<2	4.52	<0.5	29	15
W623800		0.06	3.04		2.83	0.8	2.56	166	<10	180	<0.5	<2	1.79	<0.5	27	430
W623801		2.09	0.009			<0.2	2.01	66	<10	160	0.8	<2	0.81	<0.5	19	67
W623802		2.34	0.003			<0.2	0.37	12	<10	20	<0.5	<2	0.19	<0.5	1	10
W623803		2.16	0.006			<0.2	0.27	17	<10	70	<0.5	<2	0.07	<0.5	1	12
W623804		1.88	0.003			<0.2	0.33	16	<10	50	<0.5	<2	0.11	<0.5	1	10
W623805		1.93	0.003			<0.2	0.28	15	<10	40	<0.5	<2	0.08	<0.5	1	9
W623806		3.01	0.002			<0.2	0.40	17	<10	40	<0.5	<2	0.08	<0.5	1	11
W623807		2.04	0.002			<0.2	1.56	10	<10	200	0.6	<2	0.56	<0.5	13	191
W623808		1.75	<0.001			<0.2	1.51	7	<10	120	0.6	<2	0.77	<0.5	12	364
W623809		1.97	0.002			<0.2	0.50	12	<10	50	<0.5	<2	0.44	<0.5	2	12
W623810		0.06	<0.001			<0.2	1.43	<2	<10	120	<0.5	<2	0.80	<0.5	7	9
W623811		2.32	<0.001			<0.2	0.48	8	<10	60	<0.5	<2	0.63	<0.5	1	8
W623812		1.77	0.001			<0.2	2.77	7	<10	190	1.1	<2	0.67	<0.5	19	80
W623813		1.89	0.001			<0.2	2.15	8	<10	240	0.6	<2	1.05	<0.5	20	214
W623814		1.95	0.001			<0.2	1.04	11	<10	130	0.5	<2	0.95	<0.5	5	34



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Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	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
W623775		3	0.99	<10	1	0.21	30	0.20	337	2	0.01	2	180	8	0.08	<2
W623776		4	0.93	<10	<1	0.18	30	0.09	332	2	0.01	3	190	12	0.09	2
W623777		6	0.83	<10	<1	0.14	20	0.03	184	2	0.02	2	70	8	0.02	2
W623778		5	0.70	<10	<1	0.11	20	0.03	208	2	0.03	3	40	11	0.01	2
W623779		6	0.91	<10	<1	0.17	20	0.07	181	3	0.04	2	30	11	0.04	<2
W623780		93	2.61	10	<1	0.20	10	0.71	368	2	0.16	5	610	4	0.01	<2
W623781		5	0.79	<10	<1	0.11	20	0.04	228	4	0.03	2	30	23	0.10	2
W623782		5	0.78	<10	<1	0.13	20	0.06	200	3	0.03	3	40	11	0.04	<2
W623783		4	0.83	<10	<1	0.12	20	0.04	237	4	0.02	2	50	11	0.02	<2
W623784		3	0.82	<10	<1	0.11	20	0.02	231	2	0.03	2	40	8	<0.01	<2
W623785		3	0.63	<10	<1	0.13	20	0.02	224	1	0.03	2	40	8	<0.01	<2
W623786		6	0.73	<10	<1	0.15	20	0.02	258	2	0.02	2	50	13	0.01	7
W623787		5	2.24	<10	<1	0.24	20	0.08	913	2	0.01	3	280	17	0.05	119
W623788		3	0.73	<10	<1	0.16	20	0.04	204	3	0.04	2	50	8	0.04	6
W623789		6	0.72	<10	1	0.16	20	0.04	219	2	0.04	2	60	10	<0.01	6
W623790		87	4.98	10	<1	0.55	10	2.21	841	5	0.17	237	360	19	0.37	4
W623791		4	0.70	<10	<1	0.17	20	0.04	237	2	0.03	3	70	13	<0.01	8
W623792		6	0.69	<10	<1	0.17	20	0.05	202	2	0.03	2	60	10	<0.01	3
W623793		5	0.64	<10	<1	0.16	20	0.05	168	2	0.03	2	60	8	<0.01	3
W623794		6	0.66	<10	<1	0.16	20	0.03	165	2	0.04	2	60	8	<0.01	2
W623795		5	0.65	<10	<1	0.16	20	0.04	168	2	0.04	2	70	8	<0.01	2
W623796		5	0.65	<10	<1	0.17	20	0.05	154	2	0.03	2	60	8	<0.01	2
W623797		10	1.95	<10	1	0.31	20	0.25	769	2	0.01	4	430	10	<0.01	41
W623798		26	5.86	10	<1	1.10	10	2.24	1225	1	0.05	13	1190	6	0.01	31
W623799		26	5.44	10	<1	1.34	10	2.19	1300	1	0.13	16	1370	7	0.05	25
W623800		87	5.01	10	<1	0.55	10	2.21	839	5	0.17	239	360	18	0.36	5
W623801		24	3.15	10	<1	1.04	10	1.72	564	1	0.03	38	1070	4	<0.01	28
W623802		3	0.81	<10	<1	0.21	20	0.19	141	2	0.03	2	80	3	<0.01	4
W623803		6	0.88	<10	<1	0.16	20	0.12	186	2	0.02	2	70	8	<0.01	4
W623804		3	0.84	<10	<1	0.20	30	0.13	216	2	0.03	2	100	6	<0.01	5
W623805		2	0.66	<10	<1	0.16	20	0.11	182	2	0.03	2	70	4	<0.01	6
W623806		2	0.73	<10	<1	0.19	20	0.23	167	2	0.03	2	90	3	<0.01	4
W623807		5	1.87	10	<1	0.96	20	1.82	292	2	0.03	151	260	2	0.01	2
W623808		1	1.47	10	<1	0.96	30	2.14	261	1	0.02	226	140	<2	0.04	<2
W623809		2	0.99	<10	<1	0.36	40	0.29	202	2	0.04	6	180	<2	<0.01	3
W623810		90	2.60	<10	1	0.20	10	0.71	359	2	0.14	5	600	3	0.01	<2
W623811		2	0.53	<10	<1	0.32	40	0.16	109	2	0.02	2	190	3	<0.01	2
W623812		2	4.03	10	<1	1.52	20	2.01	511	2	0.04	85	480	2	0.02	4
W623813		4	2.79	10	<1	1.33	10	2.13	416	2	0.04	205	380	<2	0.02	2
W623814		4	1.73	<10	<1	0.75	40	0.69	451	1	0.03	17	340	7	0.02	2



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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	
		Sc	Sr	Th	Ti	Ti	U	V	W	
		ppm 1	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	Zn ppm 2
W623775		1	901	30	0.01	<10	<10	17	<10	12
W623776		1	914	30	0.01	<10	<10	10	<10	14
W623777		<1	58	40	<0.01	<10	<10	4	<10	9
W623778		<1	49	40	<0.01	<10	<10	1	<10	9
W623779		<1	20	40	<0.01	<10	<10	1	<10	11
W623780		2	71	<20	0.13	<10	<10	98	<10	36
W623781		<1	72	30	<0.01	<10	<10	1	<10	8
W623782		<1	41	40	<0.01	<10	<10	1	<10	9
W623783		<1	25	40	<0.01	<10	<10	3	<10	12
W623784		<1	11	40	<0.01	<10	<10	2	<10	7
W623785		<1	8	40	<0.01	<10	<10	1	<10	6
W623786		<1	16	40	<0.01	<10	<10	2	<10	6
W623787		2	56	30	<0.01	<10	10	26	<10	39
W623788		<1	12	40	<0.01	<10	<10	2	<10	8
W623789		<1	9	40	0.01	<10	<10	2	<10	9
W623790		5	95	<20	0.11	<10	<10	77	<10	63
W623791		<1	6	40	<0.01	<10	<10	1	<10	10
W623792		<1	6	40	0.01	<10	<10	1	<10	8
W623793		<1	6	40	<0.01	<10	<10	1	<10	7
W623794		<1	5	40	<0.01	<10	<10	1	<10	6
W623795		<1	7	40	0.01	<10	<10	1	<10	7
W623796		<1	8	40	0.01	<10	<10	1	<10	7
W623797		5	25	30	0.01	<10	10	40	<10	25
W623798		12	109	<20	0.17	<10	<10	185	<10	68
W623799		11	161	<20	0.19	<10	<10	171	<10	69
W623800		5	95	<20	0.11	<10	<10	77	<10	64
W623801		3	71	<20	0.18	<10	<10	51	<10	50
W623802		1	15	40	0.02	<10	<10	3	<10	8
W623803		<1	23	30	0.01	<10	<10	3	<10	10
W623804		<1	13	30	0.02	<10	<10	2	<10	13
W623805		<1	7	40	0.01	<10	<10	1	<10	7
W623806		<1	12	30	0.01	<10	<10	2	<10	8
W623807		2	33	20	0.11	<10	<10	24	<10	27
W623808		1	24	20	0.06	<10	<10	29	10	21
W623809		1	26	30	0.05	<10	<10	25	<10	10
W623810		2	65	<20	0.11	<10	<10	92	<10	36
W623811		<1	28	30	0.03	<10	<10	3	<10	5
W623812		3	35	<20	0.22	<10	<10	44	<10	40
W623813		3	29	<20	0.16	<10	<10	41	<10	33
W623814		1	38	20	0.10	<10	<10	15	<10	34



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-ICP21 Au ppm	Au-AA13 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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
W623815		2.14	0.002			<0.2	1.14	12	<10	120	0.5	<2	1.22	<0.5	6	10
W623816		1.90	0.009			<0.2	1.23	39	<10	110	0.5	<2	1.21	<0.5	7	16
W623817		1.94	0.010			<0.2	1.37	31	<10	280	0.5	<2	0.97	<0.5	9	50
W623818		1.97	0.001			<0.2	1.21	14	<10	120	0.5	<2	1.62	<0.5	8	21
W623819		1.95	0.001			<0.2	2.02	10	<10	190	0.5	<2	2.08	<0.5	12	56
W623820		0.06	1.065		1.02	<0.2	2.79	29	<10	120	<0.5	<2	1.89	<0.5	14	107
W623821		1.82	<0.001			<0.2	2.24	5	<10	250	0.5	<2	1.75	<0.5	14	77
W623822		1.82	<0.001			<0.2	2.49	7	<10	280	0.6	<2	0.94	<0.5	18	96
W623823		2.14	0.001			<0.2	2.11	7	<10	280	0.6	2	2.34	<0.5	14	82
W623824		2.09	0.001			<0.2	1.81	23	<10	320	0.5	3	0.99	<0.5	14	54
W623825		1.76	0.001			<0.2	1.77	13	<10	220	<0.5	<2	0.36	<0.5	14	55
W623826		1.86	<0.001			<0.2	1.91	5	<10	260	0.5	<2	1.84	<0.5	15	55
W623827		2.12	<0.001			<0.2	1.50	2	<10	440	0.5	<2	2.48	<0.5	20	175
W623828		1.94	<0.001			<0.2	2.20	6	<10	340	0.8	<2	2.54	<0.5	20	141
W623829		2.02	0.002			<0.2	1.77	28	<10	160	0.8	<2	3.31	<0.5	16	44
W623830		0.06	8.36		4.09	6.4	1.76	38	<10	170	<0.5	<2	1.03	2.9	14	30
W623831		2.11	0.026			<0.2	2.26	328	<10	320	1.1	<2	3.08	<0.5	31	244
W623832		2.46	0.004			<0.2	2.42	52	<10	490	1.1	<2	1.16	<0.5	19	21
W623833		2.13	0.008			<0.2	2.10	127	<10	300	1.0	<2	0.92	<0.5	16	78
W623834		2.06	0.003			<0.2	0.86	55	<10	460	0.9	<2	2.74	<0.5	5	19
W623835		1.74	0.003			<0.2	0.33	44	<10	320	0.5	<2	1.50	<0.5	1	7
W623836		1.90	0.002			<0.2	0.56	71	<10	110	0.6	<2	1.36	<0.5	3	17
W623837		1.74	0.361		0.32	<0.2	0.45	415	<10	20	0.9	<2	1.34	<0.5	4	20
W623838		2.39	1.100		1.06	<0.2	0.44	725	<10	50	0.8	<2	0.56	<0.5	1	6
W623839		2.10	0.136			<0.2	0.58	587	<10	90	0.9	<2	0.25	<0.5	8	16
W623840		0.06	0.001			<0.2	1.43	2	<10	120	<0.5	<2	0.81	<0.5	8	9
W623841		1.87	2.49		2.46	0.4	0.85	1530	<10	200	1.3	2	1.64	<0.5	24	54
W623842		1.28	>10.0	12.75	12.45	0.9	0.49	3680	<10	210	1.0	<2	0.35	<0.5	23	54
W623843		2.11	0.297			<0.2	0.71	439	<10	120	1.2	<2	3.51	<0.5	16	62
W623844		2.92	0.091			<0.2	1.31	106	<10	210	0.9	<2	2.96	<0.5	12	74
W623845		2.79	0.048			<0.2	2.55	42	<10	370	0.8	<2	2.96	<0.5	19	159
W623846		2.43	0.094			<0.2	0.29	48	<10	30	<0.5	<2	0.87	<0.5	3	14
W623847		2.22	0.097			<0.2	0.20	43	<10	20	<0.5	<2	0.53	<0.5	2	12
W623848		1.84	0.101			<0.2	0.53	37	<10	80	<0.5	<2	1.10	<0.5	5	19
W623849		2.05	0.058			<0.2	0.90	28	<10	90	0.5	<2	1.05	<0.5	7	29
W623850		0.06	0.682		0.66	<0.2	2.53	4	<10	90	<0.5	<2	1.81	<0.5	14	94
W623851		3.13	0.067			<0.2	2.24	17	<10	330	0.7	<2	1.61	<0.5	16	103
W623852		1.82	0.057			<0.2	2.40	16	<10	350	0.7	<2	0.61	<0.5	20	77
W623853		1.83	0.036			<0.2	1.73	8	<10	160	0.8	2	1.52	<0.5	13	51
W623854		2.43	0.035			<0.2	1.69	9	<10	90	0.9	2	0.79	<0.5	13	57





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Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	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
W623815		3	1.88	<10	<1	0.84	40	0.73	436	1	0.03	3	350	6	0.06	4
W623816		5	2.15	10	<1	0.79	30	0.88	418	1	0.03	8	380	8	0.05	5
W623817		3	2.48	<10	<1	1.12	30	0.96	499	8	0.03	38	360	3	0.08	4
W623818		5	2.23	<10	<1	0.89	20	0.79	507	5	0.02	15	300	8	0.20	<2
W623819		7	3.23	10	1	1.45	10	1.56	569	4	0.03	40	450	2	0.10	2
W623820		112	2.80	10	<1	0.21	10	1.29	385	4	0.32	121	350	13	0.05	<2
W623821		7	3.45	10	<1	1.55	10	1.78	573	3	0.03	72	640	3	0.20	3
W623822		11	3.71	10	<1	1.94	10	2.08	516	4	0.03	88	430	<2	0.13	<2
W623823		9	2.98	10	<1	1.60	10	1.77	624	2	0.03	57	560	2	0.13	2
W623824		11	2.66	10	<1	1.34	20	1.42	434	2	0.04	42	640	<2	0.08	4
W623825		14	2.80	10	<1	1.27	10	1.32	365	2	0.02	44	420	<2	0.18	3
W623826		8	2.84	10	<1	1.40	10	1.56	522	2	0.02	44	390	2	0.21	3
W623827		4	2.64	10	<1	0.91	10	1.45	527	3	0.07	84	430	<2	0.29	<2
W623828		3	3.42	10	<1	1.18	10	1.92	614	4	0.05	74	480	<2	0.14	9
W623829		9	4.55	10	<1	0.67	20	1.11	774	3	0.03	47	520	4	0.28	14
W623830		1750	3.61	<10	<1	0.24	10	0.90	578	23	0.20	162	530	309	0.42	7
W623831		8	3.50	10	<1	1.34	20	2.58	801	3	0.02	279	500	3	0.03	20
W623832		14	3.51	10	<1	1.73	10	1.98	620	1	0.04	19	820	3	0.08	15
W623833		12	3.08	10	1	1.29	20	1.61	729	1	0.03	33	700	<2	<0.01	18
W623834		2	1.56	<10	<1	0.47	20	0.47	460	2	0.01	13	210	4	0.07	13
W623835		1	0.47	<10	<1	0.17	20	0.07	138	2	0.01	1	50	3	0.04	9
W623836		6	0.96	<10	<1	0.33	30	0.34	199	3	0.02	7	190	4	0.09	14
W623837		7	1.02	<10	1	0.17	30	0.31	232	3	0.01	9	350	9	0.11	21
W623838		5	0.74	<10	<1	0.15	20	0.10	203	1	<0.01	2	60	9	0.05	35
W623839		12	1.88	<10	<1	0.13	30	0.05	415	2	<0.01	20	360	8	<0.01	119
W623840		88	2.55	<10	<1	0.19	10	0.69	353	2	0.14	4	590	3	0.01	<2
W623841		32	3.97	<10	<1	0.21	10	0.10	981	3	<0.01	73	1130	41	<0.01	217
W623842		45	4.30	<10	1	0.28	10	0.07	680	5	<0.01	133	810	19	0.01	351
W623843		15	2.67	<10	<1	0.25	30	0.16	507	1	<0.01	110	540	5	<0.01	32
W623844		7	2.27	<10	<1	0.47	30	1.17	668	2	0.01	35	440	5	0.05	12
W623845		2	3.85	10	<1	0.96	10	2.35	1120	1	0.04	58	560	2	0.03	4
W623846		6	0.78	<10	<1	0.16	20	0.09	200	2	0.03	9	120	2	0.05	4
W623847		6	0.68	<10	<1	0.12	20	0.07	138	2	0.04	6	70	3	0.12	4
W623848		7	1.10	<10	<1	0.28	20	0.40	243	1	0.04	10	150	3	0.07	5
W623849		5	1.60	<10	<1	0.60	30	0.69	407	3	0.04	19	240	4	0.05	2
W623850		166	2.46	10	<1	0.18	10	1.37	421	2	0.27	139	360	10	0.06	<2
W623851		16	3.37	10	<1	1.63	20	1.99	872	3	0.03	83	480	7	0.24	<2
W623852		10	4.11	10	<1	1.93	10	1.86	731	19	0.03	66	330	4	0.28	3
W623853		14	2.61	10	<1	1.41	20	1.39	527	7	0.02	47	400	3	0.27	<2
W623854		17	2.75	10	<1	1.32	30	1.34	457	4	0.03	45	380	2	0.37	<2



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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
		Sc	Sr	Th	Ti	Ti	U	V	W
		ppm 1	ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
W623815		1	46	20	0.11	<10	<10	16	<10
W623816		2	35	20	0.09	<10	<10	22	<10
W623817		2	22	20	0.11	<10	<10	22	<10
W623818		1	54	20	0.10	<10	<10	16	<10
W623819		2	59	<20	0.18	<10	<10	36	<10
W623820		3	87	<20	0.10	<10	<10	68	<10
W623821		2	34	<20	0.18	<10	<10	41	<10
W623822		3	18	<20	0.25	<10	<10	54	<10
W623823		2	44	<20	0.21	<10	<10	41	<10
W623824		2	29	<20	0.21	<10	<10	42	<10
W623825		1	13	<20	0.17	<10	<10	36	<10
W623826		2	33	<20	0.17	<10	<10	35	<10
W623827		2	64	<20	0.13	<10	<10	29	<10
W623828		7	70	<20	0.13	<10	<10	52	<10
W623829		4	96	<20	0.09	<10	<10	32	<10
W623830		3	80	<20	0.13	<10	<10	91	<10
W623831		7	68	<20	0.11	<10	<10	51	<10
W623832		5	54	<20	0.20	<10	<10	63	<10
W623833		5	47	<20	0.13	<10	<10	47	<10
W623834		3	117	20	0.03	<10	<10	16	<10
W623835		<1	107	30	<0.01	<10	<10	1	<10
W623836		1	62	30	0.03	<10	10	9	<10
W623837		3	53	30	<0.01	<10	<10	22	<10
W623838		<1	27	40	<0.01	<10	<10	1	<10
W623839		3	23	30	<0.01	<10	<10	24	<10
W623840		2	65	<20	0.11	<10	<10	92	<10
W623841		11	181	<20	<0.01	<10	10	63	<10
W623842		8	154	<20	<0.01	<10	30	30	<10
W623843		7	41	<20	<0.01	<10	<10	32	<10
W623844		6	74	20	0.03	<10	<10	29	<10
W623845		10	80	<20	0.08	<10	<10	62	<10
W623846		1	35	30	<0.01	<10	<10	3	<10
W623847		1	32	40	<0.01	<10	<10	2	10
W623848		1	46	30	0.02	<10	10	11	10
W623849		2	53	30	0.05	<10	<10	20	<10
W623850		2	70	<20	0.08	<10	<10	64	<10
W623851		3	55	<20	0.17	<10	<10	44	<10
W623852		2	31	<20	0.24	<10	<10	48	<10
W623853		2	48	<20	0.16	<10	<10	30	<10
W623854		2	33	20	0.17	<10	<10	32	<10



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**CERTIFICATE OF ANALYSIS WH18091828**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-GRA21 Au ppm	Au-AA13 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
		0.02	0.001	0.05	0.03	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
W623855		2.60	0.038			<0.2	2.00	8	<10	230	0.5	2	0.67	<0.5	14	58
W623856		3.22	0.042			<0.2	2.24	12	<10	350	0.6	<2	1.04	<0.5	16	63
W623857		2.25	0.026			<0.2	1.97	7	<10	270	0.9	<2	1.48	<0.5	16	66
W623858		2.09	0.026			<0.2	2.15	12	<10	280	0.8	2	1.45	<0.5	16	86
W623859		1.94	0.114			0.2	1.92	80	<10	220	0.6	<2	1.73	<0.5	13	60
W623860		0.06	0.007			<0.2	1.46	<2	<10	120	<0.5	<2	0.82	<0.5	8	9
W623861		2.19	0.168			<0.2	2.26	19	<10	190	0.8	<2	1.58	<0.5	15	64
W623862		1.60	0.029			<0.2	2.24	7	<10	300	<0.5	2	1.48	<0.5	18	95
W623863		2.13	0.027			<0.2	2.20	6	<10	290	<0.5	<2	0.67	<0.5	15	81
W623864		2.29	0.031			<0.2	2.33	11	<10	260	<0.5	<2	0.80	<0.5	15	68
W623865		2.40	0.044			<0.2	2.59	15	<10	350	<0.5	<2	0.55	<0.5	18	103
W623866		1.60	0.035			<0.2	2.51	10	<10	370	<0.5	<2	0.50	<0.5	18	95
W623867		2.36	0.017			<0.2	2.37	31	<10	340	<0.5	<2	0.61	<0.5	17	113
W623868		2.49	0.038			<0.2	2.28	50	<10	280	0.5	<2	1.57	<0.5	17	134
W623869		1.86	0.030			<0.2	0.49	115	<10	60	0.5	<2	1.04	<0.5	5	21
W623870		0.06	3.20		2.87	0.6	2.40	158	<10	170	<0.5	<2	1.73	<0.5	26	412
W623871		1.87	0.054			<0.2	0.17	39	<10	20	<0.5	<2	0.29	<0.5	1	18
W623872		2.32	0.057			<0.2	1.04	89	<10	110	0.8	<2	0.85	<0.5	9	14
W623873		2.11	0.038			<0.2	2.27	12	<10	260	1.3	3	1.55	<0.5	19	14
W623874		2.90	0.064			<0.2	1.21	36	<10	120	0.9	<2	1.10	<0.5	10	16
W623875		1.67	0.055			<0.2	0.71	19	<10	70	0.7	<2	1.32	<0.5	6	47
W623876		1.58	0.063			<0.2	2.13	24	<10	290	1.3	<2	2.71	<0.5	17	123
W623877		1.92	0.027			<0.2	0.51	11	<10	50	<0.5	<2	1.35	<0.5	5	26
W623878		2.24	0.018			<0.2	0.38	10	<10	50	<0.5	<2	1.35	<0.5	2	18
W623879		1.86	0.030			<0.2	0.31	23	<10	30	<0.5	2	1.20	<0.5	2	14
W623880		0.06	<0.001			<0.2	1.56	2	<10	120	<0.5	2	0.87	<0.5	9	9
W623881		2.15	0.033			<0.2	0.35	9	<10	30	<0.5	<2	1.96	<0.5	4	15
W623882		2.39	>10.0	13.80	13.70	0.8	0.50	3740	<10	200	1.0	<2	0.35	<0.5	23	53
W623883		2.17	0.044			<0.2	2.36	16	<10	250	<0.5	<2	0.86	<0.5	16	67



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Sample Description	Method Analyte Units LOR	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	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
W623855		4	3.19	10	<1	1.55	30	1.35	538	10	0.03	38	340	4	0.14	3
W623856		16	3.43	10	1	1.63	20	1.66	506	5	0.04	41	470	4	0.20	3
W623857		25	3.76	10	<1	1.23	10	1.43	539	3	0.05	41	360	3	0.48	2
W623858		23	3.57	10	<1	1.53	10	1.68	519	5	0.04	48	430	6	0.42	<2
W623859		19	3.49	10	<1	1.18	20	1.38	524	5	0.04	43	410	10	0.51	<2
W623860		89	2.58	<10	<1	0.20	10	0.70	360	2	0.15	5	610	2	0.01	<2
W623861		19	3.90	10	<1	1.08	20	1.54	517	5	0.04	50	390	7	0.24	<2
W623862		16	3.41	10	<1	1.20	10	1.71	482	4	0.07	112	650	4	0.16	3
W623863		10	3.25	10	<1	1.25	10	1.64	416	8	0.06	55	610	<2	0.09	2
W623864		8	3.62	10	<1	1.44	10	1.58	462	11	0.05	48	510	6	0.12	<2
W623865		12	3.92	10	<1	1.71	10	1.91	435	7	0.06	60	420	2	0.14	4
W623866		18	3.98	10	<1	1.65	10	1.84	480	6	0.06	53	350	2	0.26	<2
W623867		20	3.75	10	1	1.57	10	1.86	449	4	0.05	71	380	3	0.36	<2
W623868		8	3.51	10	<1	1.51	20	1.92	488	4	0.04	114	350	5	0.23	2
W623869		12	1.39	<10	<1	0.32	20	0.36	232	20	0.04	13	200	10	0.22	<2
W623870		84	4.86	10	<1	0.53	10	2.13	817	5	0.15	229	350	19	0.36	5
W623871		6	0.77	<10	<1	0.09	10	0.09	98	7	0.03	6	50	4	0.05	2
W623872		12	2.46	10	<1	0.83	30	0.66	403	11	0.04	7	780	7	0.14	3
W623873		25	5.23	10	<1	1.77	50	1.40	847	2	0.05	10	1990	4	0.07	2
W623874		16	2.87	10	<1	0.90	30	0.72	480	5	0.04	9	950	3	0.10	2
W623875		11	1.21	<10	<1	0.54	20	0.56	270	6	0.05	18	270	6	0.05	2
W623876		26	3.93	10	1	1.80	30	1.71	764	4	0.04	53	850	12	0.19	3
W623877		6	1.17	<10	<1	0.34	20	0.31	224	7	0.05	17	150	5	0.06	<2
W623878		5	0.81	<10	1	0.27	20	0.17	215	3	0.04	7	100	6	0.07	<2
W623879		7	0.76	<10	<1	0.22	20	0.09	187	3	0.04	5	90	6	0.14	<2
W623880		88	2.71	10	<1	0.19	10	0.68	359	2	0.17	6	600	2	0.01	<2
W623881		6	0.92	<10	<1	0.22	10	0.15	228	3	0.05	5	150	4	0.09	2
W623882		44	4.54	<10	1	0.25	10	0.07	684	5	0.01	131	870	20	0.01	326
W623883		6	3.72	10	<1	1.34	10	1.50	477	12	0.06	49	560	6	0.11	2



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**CERTIFICATE OF ANALYSIS WH18091828**

Sample Description	Method Analyte Units LOR	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
W623855		3	29	<20	0.19	<10	<10	41	<10	42
W623856		3	45	<20	0.23	<10	<10	48	<10	43
W623857		3	65	<20	0.20	<10	<10	46	<10	39
W623858		3	59	<20	0.21	<10	<10	54	<10	46
W623859		4	79	<20	0.13	<10	<10	45	<10	47
W623860		2	67	<20	0.11	<10	<10	92	<10	36
W623861		5	46	<20	0.13	<10	<10	51	<10	56
W623862		5	40	<20	0.17	<10	<10	61	<10	51
W623863		4	27	<20	0.17	<10	<10	60	<10	47
W623864		3	34	<20	0.19	<10	<10	54	<10	44
W623865		5	24	<20	0.21	<10	<10	74	<10	48
W623866		4	27	<20	0.22	<10	<10	66	<10	49
W623867		4	30	<20	0.19	<10	<10	57	<10	44
W623868		5	57	<20	0.15	<10	<10	47	<10	39
W623869		1	94	20	0.02	<10	10	10	<10	14
W623870		5	89	<20	0.11	<10	<10	72	<10	63
W623871		<1	20	20	0.01	<10	<10	4	10	5
W623872		2	50	30	0.14	<10	10	59	10	30
W623873		5	77	<20	0.33	<10	<10	148	<10	81
W623874		3	75	20	0.15	<10	<10	71	<10	35
W623875		2	52	30	0.05	<10	<10	20	10	14
W623876		8	109	<20	0.19	<10	<10	69	<10	54
W623877		1	50	30	0.03	<10	10	9	10	14
W623878		<1	62	30	0.01	<10	10	5	10	8
W623879		<1	46	30	<0.01	<10	10	3	10	5
W623880		2	71	<20	0.12	<10	<10	93	<10	35
W623881		1	69	30	0.02	<10	<10	6	30	10
W623882		8	174	<20	<0.01	<10	30	29	<10	59
W623883		4	35	<20	0.19	<10	<10	54	<10	42



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Total # Appendix Pages: 1  
Finalized Date: 6-MAY-2018  
Account: KAMGOL

Project: Coffee

**CERTIFICATE OF ANALYSIS WH18091828**

**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	LOG-23
	PUL-32m	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-AA13	Au-GRA21	Au-ICP21	ME-ICP41