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MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client:

Klondike Gold Corp.

3123-595 Burrard St.

Vancouver British Columbia V7X 1K8 Canada

Submitted By: Notification Distribution List

Receiving Lab: Canada-Whitehorse

Received: June 13, 2019

Report Date: June 26, 2019

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CERTIFICATE OF ANALYSIS

WHI19000054.1

CLIENT JOB INFORMATION

Project: LS
Shipment ID: KG19-13
P.O. Number
Number of Samples: 10

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Klondike Gold Corp.
3123-595 Burrard St.
Vancouver British Columbia V7X 1K8
Canada

CC: Ian Perry
Graeme Joyce

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	10	Crush, split and pulverize 250 g rock to 200 mesh			WHI
SLBHP	0	Sort, label and box pulps			WHI
FA430	10	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	10	Environmental disposal charge-Fire assay lead waste			VAN
AQ251_EXT	10	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	10	Per sample shipping charges for branch shipments			VAN
FA530	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

WHI19000054.1

	Method	WGHT	FA430	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
1798132	Rock	1.85	0.108	0.18	1.82	23.83	31.6	234	0.7	0.4	72	0.41	2.9	1.0	263.2	11.6	2.9	0.23	0.36	0.10	<1
1798133	Rock	1.79	0.137	0.14	1.86	41.23	36.1	464	0.4	0.2	55	0.28	1.4	0.7	24.3	8.4	2.0	0.20	0.48	0.52	<1
1798134	Rock	2.02	2.002	0.20	3.41	71.98	41.1	856	0.7	0.3	82	0.46	2.3	0.7	426.9	8.1	2.7	0.26	0.96	1.34	<1
1798135	Rock	1.40	0.046	0.13	2.95	54.33	32.2	1118	0.4	0.2	34	0.41	4.0	1.0	45.9	13.7	2.5	0.45	0.53	0.56	<1
1798136	Rock	2.05	0.041	0.17	0.95	24.33	16.5	173	0.6	0.2	42	0.34	1.1	0.2	20.4	2.3	<0.5	0.11	0.25	0.43	<1
1798137	Rock	1.10	0.007	0.15	1.13	10.16	15.3	74	0.5	0.2	39	0.30	2.1	0.4	4.3	4.7	0.8	0.34	0.45	<0.02	<1
1798138	Rock	1.25	0.012	0.17	0.92	8.14	12.5	88	0.6	0.2	43	0.33	1.0	0.3	3.7	4.3	0.7	0.21	0.33	<0.02	<1
1798139	Rock	1.95	0.034	0.13	1.67	421.13	20.3	4103	0.4	0.1	39	0.22	0.7	1.0	10.7	9.5	1.4	0.08	0.94	6.83	<1
1798140	Rock	3.13	0.043	0.13	1.00	154.57	15.7	1284	0.5	0.2	44	0.37	1.7	1.1	34.1	12.3	2.2	0.17	0.38	1.82	<1
1798141	Rock	0.38	>10	0.10	2.12	39.82	26.2	4553	0.4	0.2	32	0.19	0.8	1.6	24550.8	18.9	1.8	0.07	0.93	0.92	<1



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CERTIFICATE OF ANALYSIS

WHI19000054.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
1798132	Rock	0.03	0.004	22.2	2.0	0.05	109.7	<0.001	1	0.28	0.019	0.21	<0.1	0.6	0.03	<0.02	<5	<0.1	0.02	1.2	0.17
1798133	Rock	0.02	0.003	18.4	1.2	0.06	86.1	<0.001	1	0.23	0.009	0.16	0.1	0.4	0.02	<0.02	16	<0.1	0.03	0.9	0.20
1798134	Rock	0.02	0.004	18.9	1.9	0.06	102.7	<0.001	1	0.24	0.013	0.17	0.1	0.5	0.03	<0.02	56	<0.1	0.07	1.0	0.31
1798135	Rock	0.01	0.004	26.3	1.0	0.04	124.4	<0.001	1	0.26	0.020	0.24	<0.1	0.5	0.04	<0.02	<5	<0.1	0.03	1.2	0.24
1798136	Rock	<0.01	0.002	5.7	2.0	<0.01	30.9	<0.001	<1	0.07	0.005	0.06	<0.1	0.2	<0.02	<0.02	<5	<0.1	0.02	0.3	0.16
1798137	Rock	<0.01	0.002	11.1	1.3	0.02	45.0	<0.001	1	0.11	0.006	0.09	<0.1	0.2	0.02	<0.02	<5	<0.1	<0.02	0.4	0.27
1798138	Rock	<0.01	0.002	10.1	2.1	0.01	59.6	<0.001	<1	0.12	0.009	0.11	<0.1	0.2	0.02	<0.02	<5	<0.1	<0.02	0.5	0.32
1798139	Rock	<0.01	0.004	21.8	1.3	0.02	84.5	<0.001	<1	0.19	0.010	0.18	<0.1	0.4	0.03	<0.02	49	0.3	0.13	0.8	0.19
1798140	Rock	0.02	0.005	26.5	1.4	0.03	112.4	<0.001	1	0.26	0.020	0.24	<0.1	0.5	0.04	<0.02	8	<0.1	0.04	1.1	0.25
1798141	Rock	<0.01	0.006	38.2	1.2	0.03	163.7	<0.001	1	0.27	0.014	0.26	<0.1	0.6	0.06	<0.02	22	<0.1	0.05	1.4	0.24



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WHI19000054.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
1798132	Rock	<0.1	0.29	0.03	7.3	0.4	<0.05	8.5	3.97	37.7	0.02	<1	0.2	1.9	<10	<2	
1798133	Rock	<0.1	0.25	0.02	5.5	0.2	<0.05	6.8	3.25	32.1	0.04	<1	0.1	2.2	<10	<2	
1798134	Rock	<0.1	0.23	0.03	6.4	0.3	<0.05	6.1	3.26	34.3	0.03	<1	0.1	2.3	<10	<2	
1798135	Rock	<0.1	0.35	0.03	8.4	0.3	<0.05	9.3	3.82	46.5	0.02	<1	0.2	1.2	<10	<2	
1798136	Rock	<0.1	0.08	<0.02	2.5	0.2	<0.05	2.2	1.19	10.5	<0.02	<1	<0.1	0.4	<10	<2	
1798137	Rock	<0.1	0.14	<0.02	3.6	0.1	<0.05	4.4	1.63	19.5	<0.02	<1	<0.1	0.6	<10	<2	
1798138	Rock	<0.1	0.14	<0.02	4.4	0.1	<0.05	4.1	1.74	18.3	<0.02	<1	<0.1	0.6	<10	<2	
1798139	Rock	<0.1	0.25	<0.02	6.6	0.2	<0.05	6.7	4.62	35.8	0.06	<1	0.2	1.1	<10	<2	
1798140	Rock	<0.1	0.30	0.04	8.9	0.2	<0.05	8.3	5.08	44.5	<0.02	<1	0.2	1.2	<10	<2	
1798141	Rock	<0.1	0.42	0.03	10.8	0.3	<0.05	12.9	5.67	64.2	0.03	<1	0.2	1.5	<10	<2	19.7



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QUALITY CONTROL REPORT

WHI19000054.1

	Method Analyte Unit MDL	WGHT	FA430	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
Pulp Duplicates																					
1798136	Rock	2.05	0.041	0.17	0.95	24.33	16.5	173	0.6	0.2	42	0.34	1.1	0.2	20.4	2.3	<0.5	0.11	0.25	0.43	<1
REP 1798136	QC			0.18	0.92	24.63	17.0	180	0.6	0.2	46	0.34	1.1	0.2	22.9	2.4	0.5	0.11	0.26	0.44	<1
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard			15.81	155.96	143.31	336.0	1704	81.1	14.3	1040	3.06	44.4	2.8	120.1	8.9	68.1	2.52	8.21	12.17	44
STD OREAS262	Standard			0.71	131.30	61.08	168.3	487	69.0	30.7	539	3.37	40.2	1.4	69.3	10.8	38.9	0.69	4.47	1.18	20
STD OXC145	Standard		0.206																		
STD OXH139	Standard		1.308																		
STD OXN134	Standard		7.597																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXN134 Expected			7.667																		
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD DS11 Expected				14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50
STD OREAS262 Expected				0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		0.006																		
BLK	Blank			<0.01	0.04	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	1.01	<0.005	0.89	2.57	14.70	56.2	82	0.7	3.7	444	1.76	1.7	0.5	<0.2	2.7	21.3	0.17	0.17	0.07	21



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Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1798136	Rock	<0.01	0.002	5.7	2.0	<0.01	30.9	<0.001	<1	0.07	0.005	0.06	<0.1	0.2	<0.02	<0.02	<5	<0.1	0.02	0.3	0.16
REP 1798136	QC	<0.01	0.001	5.6	1.9	<0.01	31.1	<0.001	<1	0.07	0.005	0.06	<0.1	0.2	0.03	<0.02	<5	<0.1	0.02	0.3	0.17
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard	1.03	0.080	20.6	61.1	0.84	352.5	0.095	8	1.20	0.071	0.39	3.1	2.8	4.81	0.25	244	2.1	4.67	5.4	3.26
STD OREAS262	Standard	3.18	0.046	20.1	42.3	1.17	276.2	0.003	4	1.36	0.068	0.32	0.2	3.3	0.46	0.23	167	0.4	0.24	4.7	3.02
STD OXC145	Standard																				
STD OXH139	Standard																				
STD OXN134	Standard																				
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXN134 Expected																					
STD OXC145 Expected																					
STD OXH139 Expected																					
STD DS11 Expected		1.063	0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1	2.88
STD OREAS262 Expected		2.98	0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73	2.8
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	0.60	0.047	6.6	2.0	0.42	53.4	0.072	1	0.81	0.068	0.07	0.1	2.7	<0.02	<0.02	<5	<0.1	<0.02	3.9	0.18



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Method Analyte Unit MDL		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.9
Pulp Duplicates																	
1798136	Rock	<0.1	0.08	<0.02	2.5	0.2	<0.05	2.2	1.19	10.5	<0.02	<1	<0.1	0.4	<10	<2	
REP 1798136	QC	<0.1	0.08	<0.02	2.6	0.2	<0.05	2.3	1.20	10.4	<0.02	<1	<0.1	0.5	<10	<2	
Reference Materials																	
STD AGPROOF	Standard																<0.9
STD DS11	Standard	<0.1	0.09	1.56	36.0	2.0	<0.05	3.7	8.56	39.8	0.28	47	0.7	24.6	86	176	
STD OREAS262	Standard	<0.1	0.31	<0.02	21.4	0.7	<0.05	10.8	12.28	38.2	0.04	1	1.1	17.6	<10	<2	
STD OXC145	Standard																
STD OXH139	Standard																
STD OXN134	Standard																
STD OXQ114	Standard																35.1
STD SP49	Standard																18.5
STD OXN134 Expected																	
STD OXC145 Expected																	
STD OXH139 Expected																	
STD DS11 Expected		0.08	0.06	1.53	33.6	1.8		3.1	7.82	37	0.24	50	0.67	23.3	100	172	
STD OREAS262 Expected			0.27		18.6	0.5		11.7	11.2	32	0.033		1.14	17.8			
STD AGPROOF Expected																	0
STD SP49 Expected																	18.34
STD OXQ114 Expected																	35.2
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank																<0.9
Prep Wash																	
ROCK-WHI	Prep Blank	<0.1	0.13	0.16	2.2	0.6	<0.05	3.3	8.43	12.8	0.03	<1	0.2	3.0	<10	<2	