



BUREAU MINERAL LABORATORIES
VERITAS 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: September 19, 2019
Report Date: October 08, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI19000561.1

CLIENT JOB INFORMATION

Project: LS
Shipment ID: KG19-54
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
Peter Tallman
Erika Cayer

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


MAY LAI
Data Validation Specialist

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

WHI19000561.1

	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
1798179	Rock	0.74	<0.005	0.79	4.03	59.26	41.7	122	2.5	2.8	336	0.72	2.7	0.2	<0.2	0.3	9.3	0.44	0.18	0.28	<1
1798180	Rock	1.14	>10	0.89	0.88	3.85	16.8	2439	0.7	0.3	80	0.76	6.2	0.9	6535.0	1.4	1.2	0.32	0.21	0.02	<1
1798181	Rock	1.62	0.005	0.44	8.48	143.21	30.6	722	1.9	3.3	73	0.84	13.9	0.5	10.9	1.2	5.6	0.25	0.57	2.52	<1
1798182	Rock	1.09	0.011	2.91	10.46	84.33	3.8	877	3.9	3.5	216	0.53	3.6	0.4	11.1	0.3	5.5	0.10	0.36	2.11	<1
1798183	Rock	1.83	0.005	0.35	1.21	7.64	1.7	27	1.7	2.0	50	0.57	10.5	0.2	1.0	0.2	1.6	0.01	0.27	0.11	<1
1798184	Rock	3.58	0.010	0.26	6.18	71.20	16.5	586	6.6	2.8	201	0.76	3.5	<0.1	8.9	0.4	3.6	0.07	0.09	0.86	7
1798185	Rock	2.44	0.036	0.19	2.29	3.77	6.3	56	2.6	1.6	78	0.44	4.2	<0.1	27.5	<0.1	4.6	0.05	0.10	0.06	1
1798186	Rock	0.86	0.115	0.23	2.67	8.95	7.9	137	5.3	3.8	51	0.79	8.7	0.2	91.6	0.3	8.9	0.05	0.08	0.17	1
1798187	Rock	1.23	0.005	0.16	8.92	4.72	6.7	135	0.7	0.5	42	0.35	12.0	0.2	0.7	0.8	6.8	0.02	0.44	<0.02	<1
1798188	Rock	2.32	<0.005	0.20	3.49	177.42	4.1	2084	0.7	0.4	33	0.48	39.1	<0.1	2.3	<0.1	2.4	0.02	0.64	3.87	<1



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CERTIFICATE OF ANALYSIS

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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	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
1798179	Rock	0.08	0.030	1.0	1.7	0.10	373.3	<0.001	1	0.13	0.025	0.02	<0.1	0.3	<0.02	0.04	10	<0.1	<0.02	0.4	0.03
1798180	Rock	<0.01	0.001	5.1	1.8	0.01	182.0	<0.001	2	0.06	0.002	0.03	14.4	0.6	<0.02	<0.02	83	<0.1	<0.02	0.4	0.26
1798181	Rock	0.02	0.012	4.2	2.2	0.02	56.3	<0.001	<1	0.08	0.016	0.06	<0.1	0.3	<0.02	<0.02	7	<0.1	0.06	0.4	0.11
1798182	Rock	0.03	0.013	1.5	1.6	0.02	196.9	<0.001	2	0.12	0.030	0.09	<0.1	0.3	<0.02	<0.02	<5	<0.1	<0.02	0.4	0.04
1798183	Rock	<0.01	0.003	1.0	1.8	0.02	45.1	<0.001	1	0.04	0.008	0.01	<0.1	0.1	<0.02	0.02	<5	<0.1	<0.02	0.2	<0.02
1798184	Rock	0.06	0.025	2.1	9.6	0.22	27.3	0.003	1	0.27	0.012	0.02	<0.1	0.9	<0.02	<0.02	<5	<0.1	0.16	1.0	0.03
1798185	Rock	0.03	0.015	0.9	3.1	0.06	19.8	<0.001	1	0.07	0.012	0.01	<0.1	0.5	<0.02	0.02	<5	<0.1	<0.02	0.3	0.03
1798186	Rock	0.07	0.031	1.8	3.6	0.06	61.6	<0.001	1	0.11	0.021	0.04	<0.1	0.4	<0.02	0.08	9	0.7	0.09	0.4	0.03
1798187	Rock	0.04	0.018	0.8	1.6	0.04	204.5	<0.001	<1	0.06	0.004	<0.01	<0.1	0.2	<0.02	<0.02	8	<0.1	<0.02	0.2	<0.02
1798188	Rock	0.01	0.009	<0.5	1.7	<0.01	28.7	<0.001	1	0.02	0.001	0.02	<0.1	<0.1	<0.02	0.02	<5	0.8	0.11	0.2	<0.02



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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
1798179	Rock	<0.1	0.04	<0.02	0.9	<0.1	<0.05	0.8	2.33	1.9	<0.02	<1	<0.1	1.5	<10	<2	
1798180	Rock	<0.1	<0.02	<0.02	1.3	<0.1	<0.05	0.8	1.53	10.5	<0.02	<1	<0.1	0.5	<10	<2	8.2
1798181	Rock	<0.1	0.03	<0.02	2.4	<0.1	<0.05	1.0	0.94	7.6	<0.02	<1	<0.1	0.5	<10	<2	
1798182	Rock	<0.1	<0.02	<0.02	1.8	<0.1	<0.05	0.4	1.68	1.5	<0.02	<1	<0.1	0.5	<10	<2	
1798183	Rock	<0.1	<0.02	<0.02	0.5	<0.1	<0.05	0.4	0.30	1.8	<0.02	<1	<0.1	0.3	<10	<2	
1798184	Rock	<0.1	<0.02	<0.02	0.8	<0.1	<0.05	0.3	0.96	4.2	<0.02	<1	<0.1	1.4	<10	<2	
1798185	Rock	<0.1	<0.02	<0.02	0.4	<0.1	<0.05	0.3	0.86	2.0	<0.02	<1	<0.1	0.7	<10	<2	
1798186	Rock	<0.1	<0.02	<0.02	0.9	<0.1	<0.05	0.6	1.37	3.4	<0.02	<1	<0.1	0.7	<10	<2	
1798187	Rock	<0.1	<0.02	<0.02	0.3	<0.1	<0.05	0.4	0.65	1.6	<0.02	<1	<0.1	0.8	<10	<2	
1798188	Rock	<0.1	<0.02	<0.02	0.4	<0.1	<0.05	0.1	0.27	0.4	<0.02	<1	<0.1	0.4	<10	<2	



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QUALITY CONTROL REPORT

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	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	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
Reference Materials																					
STD AGPROOF	Standard																				
STD BVGEO01	Standard			11.14	4409.62	183.77	1696.4	2595	164.1	25.2	751	3.73	116.1	3.6	236.9	12.6	56.2	6.36	3.72	23.37	74
STD OREAS262	Standard			0.64	113.26	55.78	154.1	442	63.6	28.9	501	3.16	34.0	1.2	74.1	8.2	33.3	0.66	5.50	0.92	21
STD OXB130	Standard		0.127																		
STD OXI138	Standard		1.875																		
STD OXI138	Standard		1.786																		
STD OXN134	Standard		7.710																		
STD OXN134	Standard		7.397																		
STD OXQ114	Standard																				
STD SP49	Standard																				
STD OXB130 Expected			0.125																		
STD BVGEO01 Expected				11.2	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73
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																					
STD OXN134 Expected			7.667																		
STD OXI138 Expected			1.86																		
BLK	Blank		0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<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
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.89	2.98	1.24	31.9	8	1.5	3.8	527	1.85	1.0	0.4	<0.2	1.8	23.6	0.02	0.11	<0.02	25
ROCK-WHI	Prep Blank		<0.005	0.83	2.62	0.94	34.2	6	0.7	4.0	513	1.85	0.9	0.4	<0.2	1.9	23.0	0.02	0.04	<0.02	23



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Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL	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
Reference Materials																				
STD AGPROOF Standard																				
STD BVGEO01 Standard	1.30	0.071	28.1	180.9	1.30	276.2	0.228	5	2.33	0.189	0.89	5.1	6.8	0.60	0.68	101	5.2	1.01	8.3	7.26
STD OREAS262 Standard	2.82	0.041	16.4	41.1	1.14	239.6	0.002	5	1.29	0.067	0.30	0.2	3.0	0.44	0.26	135	0.3	0.21	4.0	2.85
STD OXB130 Standard																				
STD OXI138 Standard																				
STD OXI138 Standard																				
STD OXN134 Standard																				
STD OXN134 Standard																				
STD OXQ114 Standard																				
STD SP49 Standard																				
STD OXB130 Expected																				
STD BVGEO01 Expected	1.3219	0.0727	25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	5.97	0.62	0.6655	100	4.84	1.02	7.37	7.36
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																				
STD OXN134 Expected																				
STD OXI138 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																				
BLK Blank																				
BLK Blank																				
Prep Wash																				
ROCK-WHI Prep Blank	0.68	0.042	6.5	2.9	0.48	61.1	0.076	2	0.90	0.090	0.10	<0.1	3.3	<0.02	0.02	<5	<0.1	<0.02	3.7	0.13
ROCK-WHI Prep Blank	0.60	0.041	7.1	2.1	0.49	60.7	0.075	2	0.91	0.090	0.10	<0.1	3.0	<0.02	<0.02	<5	<0.1	<0.02	4.1	0.13



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Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	FA530
Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
MDL	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
Reference Materials																
STD AGPROOF	Standard															<0.9
STD BVGEO01	Standard	0.2	0.29	0.38	100.6	5.3	<0.05	10.6	15.23	54.1	0.47	6	0.7	20.1	132	169
STD OREAS262	Standard	<0.1	0.25	<0.02	18.8	0.6	<0.05	12.6	9.94	32.4	0.03	<1	1.0	16.9	<10	<2
STD OXB130	Standard															
STD OXI138	Standard															
STD OXI138	Standard															
STD OXN134	Standard															
STD OXN134	Standard															
STD OXQ114	Standard															34.8
STD SP49	Standard															17.6
STD OXB130 Expected																
STD BVGEO01 Expected		0.15	0.32	0.23	95	5.64		9.1	14.5	53	0.47	4	0.69	21.4	134	182
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
STD OXN134 Expected																
STD OXI138 Expected																
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
BLK	Blank															
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	<0.1	0.12	0.19	2.6	0.4	<0.05	3.7	9.43	13.6	<0.02	<1	0.1	1.5	<10	2
ROCK-WHI	Prep Blank	<0.1	0.14	0.21	2.4	0.3	<0.05	3.7	9.42	13.7	<0.02	<1	0.1	1.4	<10	<2