



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: June 18, 2019
Report Date: July 03, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI19000058.1

CLIENT JOB INFORMATION

Project: LS
Shipment ID: KG19-16
P.O. Number
Number of Samples: 12

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	12	Crush, split and pulverize 250 g rock to 200 mesh			WHI
SLBHP	0	Sort, label and box pulps			WHI
FA430	12	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	12	Environmental disposal charge-Fire assay lead waste			VAN
AQ251_EXT	12	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	12	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS


JEFFREY CANNON
Geochemistry Department Supervisor

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

WHI19000058.1

	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
1798149	Rock	1.09	0.019	0.12	1.17	9.70	5.0	141	0.4	0.2	41	0.33	1.1	0.4	15.4	4.8	1.2	0.06	0.28	0.39	<1
1798150	Rock	1.55	0.009	0.13	1.84	8.90	3.9	192	0.6	0.2	35	0.28	0.9	0.6	1.1	7.5	1.5	0.03	0.32	0.11	<1
1798151	Rock	1.69	0.323	0.18	1.65	10.51	46.7	398	0.6	0.2	42	0.46	0.9	0.1	420.1	1.6	0.9	0.63	0.48	0.27	<1
1798152	Rock	1.12	0.015	0.19	0.91	13.02	4.9	127	0.6	0.2	38	0.39	0.7	0.3	47.7	2.9	0.8	0.08	0.20	0.19	<1
1798153	Rock	0.94	0.792	0.21	1.57	38.59	12.3	1017	1.2	0.3	51	0.93	1.3	0.3	976.3	2.3	2.1	0.26	0.46	0.71	<1
1798154	Rock	1.12	0.126	0.26	1.04	6.49	3.9	57	0.8	0.2	64	0.47	0.3	0.3	16.5	2.8	1.3	0.02	0.24	0.02	<1
1798155	Rock	1.99	0.009	0.23	0.97	3.64	1.8	31	0.6	0.3	62	0.49	1.6	<0.1	6.5	0.6	<0.5	0.02	0.21	<0.02	<1
1798156	Rock	2.26	0.463	0.23	2.15	17.67	3.2	419	0.6	0.2	51	0.41	1.3	0.1	137.1	0.2	<0.5	0.03	0.64	0.34	<1
1798157	Rock	1.07	0.071	0.17	2.81	28.12	8.2	1032	0.8	0.3	49	0.65	1.4	0.4	60.2	3.1	1.4	0.16	0.45	1.00	<1
1798158	Rock	1.64	0.111	0.25	3.29	58.25	6.0	2614	0.8	0.3	45	0.50	1.3	0.7	55.5	6.2	1.3	0.09	0.80	4.10	<1
1798159	Rock	1.46	5.876	1.29	3.98	184.86	9.1	4963	0.9	0.3	74	1.34	6.9	0.7	3035.8	2.1	3.4	0.17	1.45	8.88	<1
1798160	Rock	2.02	0.152	0.41	5.97	16.03	8.1	371	1.0	0.2	54	0.77	4.9	1.0	174.7	6.0	2.5	0.17	0.94	0.07	<1



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CERTIFICATE OF ANALYSIS

WHI19000058.1

		Method	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	Tl	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
1798149	Rock		<0.01	0.002	13.7	1.7	0.02	60.2	<0.001	3	0.17	0.018	0.12	<0.1	0.4	0.02	<0.02	11	<0.1	<0.02	0.6	0.33
1798150	Rock		0.01	0.003	21.5	1.5	0.03	70.9	0.001	2	0.19	0.015	0.13	0.1	0.3	0.03	<0.02	<5	<0.1	<0.02	0.7	0.35
1798151	Rock		<0.01	<0.001	4.0	2.3	<0.01	51.0	<0.001	2	0.06	0.006	0.05	<0.1	0.2	<0.02	<0.02	195	<0.1	0.07	0.3	0.13
1798152	Rock		<0.01	0.002	7.6	1.8	0.02	55.0	<0.001	<1	0.10	0.008	0.07	<0.1	0.3	<0.02	<0.02	8	<0.1	<0.02	0.5	0.16
1798153	Rock		<0.01	0.001	6.4	2.7	<0.01	70.4	<0.001	1	0.07	0.010	0.05	<0.1	0.1	0.02	0.08	34	0.1	0.04	0.3	0.12
1798154	Rock		0.01	0.001	8.0	3.0	0.02	58.6	0.001	<1	0.13	0.013	0.08	<0.1	0.3	<0.02	<0.02	6	<0.1	<0.02	0.5	0.24
1798155	Rock		<0.01	<0.001	1.6	3.0	<0.01	16.9	<0.001	<1	0.04	0.004	0.02	<0.1	0.2	<0.02	<0.02	8	<0.1	<0.02	0.2	0.14
1798156	Rock		<0.01	<0.001	<0.5	2.5	<0.01	7.9	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.1	<0.02	<0.02	19	<0.1	<0.02	<0.1	0.09
1798157	Rock		<0.01	0.002	9.2	2.2	0.03	64.3	<0.001	3	0.16	0.013	0.11	<0.1	0.4	0.02	<0.02	73	<0.1	0.11	0.6	0.26
1798158	Rock		<0.01	0.003	16.7	2.5	0.02	81.5	<0.001	1	0.16	0.016	0.11	0.1	0.3	<0.02	<0.02	90	<0.1	0.08	0.7	0.27
1798159	Rock		<0.01	0.003	9.4	2.9	0.02	403.3	<0.001	2	0.14	0.014	0.14	0.2	0.3	0.02	0.11	10	1.6	0.15	0.7	0.40
1798160	Rock		<0.01	0.003	13.5	2.9	0.02	116.8	<0.001	3	0.19	0.023	0.13	0.1	0.4	0.02	<0.02	<5	<0.1	<0.02	0.7	0.49



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CERTIFICATE OF ANALYSIS

WHI19000058.1

	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		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
1798149	Rock	<0.1	0.16	<0.02	4.6	0.1	<0.05	4.3	2.28	25.4	<0.02	<1	0.2	0.9	<10	<2
1798150	Rock	<0.1	0.18	<0.02	5.4	0.1	<0.05	6.2	3.28	39.2	<0.02	<1	0.3	0.7	<10	<2
1798151	Rock	<0.1	0.05	<0.02	1.8	<0.1	<0.05	1.6	0.69	7.7	0.03	<1	<0.1	0.3	<10	<2
1798152	Rock	<0.1	0.08	<0.02	2.9	<0.1	<0.05	2.6	1.62	14.7	<0.02	<1	0.2	0.6	<10	<2
1798153	Rock	<0.1	0.09	<0.02	1.9	<0.1	<0.05	2.3	1.02	11.6	<0.02	<1	0.1	0.4	<10	<2
1798154	Rock	<0.1	0.09	0.02	3.3	<0.1	<0.05	2.9	1.64	14.9	<0.02	<1	0.2	0.8	<10	<2
1798155	Rock	<0.1	0.04	<0.02	1.0	<0.1	<0.05	1.0	0.37	2.9	<0.02	<1	<0.1	0.2	<10	<2
1798156	Rock	<0.1	0.02	<0.02	0.5	<0.1	<0.05	0.7	0.25	1.1	<0.02	<1	<0.1	0.1	<10	<2
1798157	Rock	<0.1	0.08	<0.02	4.4	0.1	<0.05	2.5	1.82	17.2	<0.02	1	0.3	1.0	<10	<2
1798158	Rock	<0.1	0.18	<0.02	4.4	<0.1	<0.05	5.8	2.39	29.7	0.04	<1	0.2	0.7	<10	<2
1798159	Rock	<0.1	0.18	<0.02	3.9	0.1	<0.05	4.8	1.30	16.9	<0.02	<1	0.2	0.3	<10	<2
1798160	Rock	<0.1	0.19	<0.02	4.6	<0.1	<0.05	5.4	1.53	24.5	<0.02	2	0.3	0.6	<10	<2



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QUALITY CONTROL REPORT

WHI19000058.1

	Method	Analyte	Unit	MDL	WGHT	FA430	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	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	
Reference Materials																									
STD DS11	Standard				14.91	147.44	129.93	327.7	1680	79.2	13.8	972	3.07	42.0	2.5	76.6	7.8	72.6	2.26	7.76	10.61	50			
STD OREAS262	Standard				0.62	120.42	56.53	155.0	473	68.9	28.8	553	3.26	36.8	1.2	67.3	10.0	37.2	0.59	4.63	0.97	23			
STD OREAS256	Standard				7.719																				
STD OREAS263	Standard				0.212																				
STD OREAS253	Standard				1.240																				
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 OREAS256 Expected								7.66																	
STD OREAS263 Expected								0.21																	
STD OREAS253 Expected								1.22																	
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				<0.005																				
BLK	Blank				<0.005																				
Prep Wash																									
ROCK-WHI	Prep Blank				0.010	0.85	3.77	1.46	29.7	17	1.2	4.0	507	1.90	1.1	0.5	4.7	2.5	32.4	0.02	0.03	<0.02	27		
ROCK-WHI	Prep Blank				<0.005	1.18	1.44	1.23	27.9	4	0.7	3.7	482	1.82	1.1	0.4	<0.2	2.4	23.4	<0.01	0.03	<0.02	25		



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QUALITY CONTROL REPORT

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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			
					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
Reference Materials																								
STD DS11	Standard	1.07	0.071	21.4	58.3	0.82	402.1	0.104	8	1.28	0.078	0.40	2.9	3.3	4.59	0.27	255	1.8	4.66	5.1	2.92			
STD OREAS262	Standard	2.91	0.040	19.7	49.1	1.17	271.6	0.003	5	1.59	0.069	0.36	0.2	3.5	0.47	0.26	173	0.2	0.23	4.5	3.06			
STD OREAS256	Standard																							
STD OREAS263	Standard																							
STD OREAS253	Standard																							
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 OREAS256 Expected																								
STD OREAS263 Expected																								
STD OREAS253 Expected																								
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																							
Prep Wash																								
ROCK-WHI	Prep Blank	0.78	0.041	8.2	3.0	0.44	81.1	0.103	3	1.06	0.122	0.11	0.1	3.9	<0.02	<0.02	<5	<0.1	<0.02	4.4	0.17			
ROCK-WHI	Prep Blank	0.72	0.042	7.7	1.8	0.46	57.7	0.092	3	0.93	0.084	0.09	<0.1	3.6	<0.02	<0.02	<5	<0.1	<0.02	4.1	0.16			



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	Method Analyte Unit MDL	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		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
Reference Materials																
STD DS11	Standard	<0.1	0.08	1.71	34.0	1.9	<0.05	3.8	8.59	42.3	0.23	48	0.7	20.4	100	162
STD OREAS262	Standard	<0.1	0.24	<0.02	23.0	0.6	<0.05	9.9	11.34	40.3	0.04	<1	1.0	16.6	<10	<2
STD OREAS256	Standard															
STD OREAS263	Standard															
STD OREAS253	Standard															
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 OREAS256 Expected																
STD OREAS263 Expected																
STD OREAS253 Expected																
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															
BLK	Blank															
Prep Wash																
ROCK-WHI	Prep Blank	<0.1	0.16	0.15	3.1	0.4	<0.05	3.8	9.57	15.7	<0.02	<1	<0.1	2.2	<10	<2
ROCK-WHI	Prep Blank	<0.1	0.16	0.21	2.5	0.4	<0.05	3.8	9.27	14.5	<0.02	<1	0.3	2.1	<10	<2