



**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 11, 2019  
Report Date: September 25, 2019  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI19000548.1

### CLIENT JOB INFORMATION

Project: LS  
Shipment ID: KG19-53  
P.O. Number  
Number of Samples: 4

### 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	4	Crush, split and pulverize 250 g rock to 200 mesh			WHI
SLBHP	0	Sort, label and box pulps			WHI
FA430	4	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
EN002	4	Environmental disposal charge-Fire assay lead waste			VAN
AQ251_EXT	4	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
SHP01	4	Per sample shipping charges for branch shipments			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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WHI19000548.1

	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
1482453	Rock	1.35	0.007	0.25	4.70	20.91	19.5	164	1.0	0.9	63	0.42	1.5	1.0	<0.2	10.2	13.2	0.09	0.24	0.23	<1
1798328	Rock	4.38	0.036	0.12	11.64	18.47	40.0	277	2.3	2.0	179	0.64	9.5	1.0	24.9	13.4	12.0	0.35	0.12	0.21	3
1798329	Rock	4.62	0.098	0.10	11.40	13.72	27.9	122	1.9	1.7	197	0.78	4.9	0.9	146.1	12.1	33.1	0.31	0.10	0.11	3
1798330	Rock	3.06	0.037	0.21	20.28	53.54	92.8	135	4.0	3.0	678	0.83	2.4	1.2	25.7	14.4	26.4	1.09	0.12	0.44	2



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WHI19000548.1

	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
1482453	Rock	<0.01	0.003	20.0	1.5	0.05	891.9	<0.001	1	0.26	0.013	0.22	<0.1	0.6	0.05	0.02	<5	<0.1	0.02	0.9	0.09
1798328	Rock	0.09	0.034	31.7	2.7	0.20	390.1	0.002	1	0.47	0.029	0.27	<0.1	1.1	0.07	<0.02	8	<0.1	<0.02	1.8	0.22
1798329	Rock	0.09	0.036	25.9	2.5	0.22	799.5	0.002	<1	0.52	0.032	0.31	<0.1	1.4	0.07	0.02	<5	<0.1	0.02	1.7	0.17
1798330	Rock	0.18	0.073	32.0	2.8	0.19	378.4	0.003	<1	0.42	0.027	0.25	<0.1	1.8	0.06	<0.02	<5	<0.1	<0.02	1.4	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
		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
1482453	Rock	<0.1	0.40	0.07	7.4	0.1	0.11	11.7	2.11	37.6	<0.02	<1	0.1	1.1	<10	<2
1798328	Rock	<0.1	0.25	<0.02	9.4	0.3	<0.05	8.0	5.13	55.7	<0.02	<1	0.2	4.4	<10	<2
1798329	Rock	<0.1	0.19	<0.02	10.3	0.3	<0.05	7.0	4.14	47.6	<0.02	<1	0.1	3.8	<10	<2
1798330	Rock	<0.1	0.21	<0.02	8.7	0.2	<0.05	9.1	7.20	57.5	<0.02	1	0.2	4.1	<10	<2



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## QUALITY CONTROL REPORT

WHI19000548.1

	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	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
Reference Materials																					
STD BVGEO01	Standard			10.56	4446.36	189.53	1733.7	2604	161.7	22.9	694	3.70	120.2	4.0	217.4	14.8	57.9	6.66	3.83	26.09	75
STD OREAS262	Standard			0.64	116.65	60.83	157.7	456	62.3	26.5	552	3.28	36.2	1.3	76.7	10.4	36.8	0.68	5.95	1.10	23
STD OXC152	Standard		0.227																		
STD OXI138	Standard		1.892																		
STD OXN134	Standard		8.041																		
STD OXN134 Expected			7.667																		
STD OXC152 Expected			0.216																		
STD OXI138 Expected			1.86																		
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
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
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.93	3.63	1.09	31.9	9	1.3	4.0	511	1.87	1.0	0.5	<0.2	2.5	21.5	0.02	0.04	<0.02	26



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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
Reference Materials																				
STD BVGE001 Standard	1.33	0.073	26.7	168.1	1.24	293.9	0.217	2	2.27	0.192	0.91	5.5	5.9	0.63	0.67	92	4.5	1.15	7.6	7.44
STD OREAS262 Standard	2.99	0.042	17.3	42.4	1.17	261.2	0.003	3	1.34	0.067	0.32	0.3	3.3	0.48	0.25	172	0.2	0.28	4.5	2.99
STD OXC152 Standard																				
STD OXI138 Standard																				
STD OXN134 Standard																				
STD OXN134 Expected																				
STD OXC152 Expected																				
STD OXI138 Expected																				
STD BVGE001 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
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
Prep Wash																				
ROCK-WHI Prep Blank	0.63	0.043	6.8	2.4	0.52	57.8	0.075	2	0.89	0.074	0.09	<0.1	2.9	<0.02	<0.02	<5	<0.1	<0.02	3.6	0.12



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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 BVGEO01	Standard	0.2	0.35	0.27	96.7	5.9	<0.05	9.9	15.13	53.6	0.47	5	0.5	23.3	136	193
STD OREAS262	Standard	<0.1	0.30	<0.02	20.4	0.6	<0.05	11.4	11.22	35.1	0.04	<1	0.8	19.4	<10	<2
STD OXC152	Standard															
STD OXI138	Standard															
STD OXN134	Standard															
STD OXN134 Expected																
STD OXC152 Expected																
STD OXI138 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		
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
Prep Wash																
ROCK-WHI	Prep Blank	<0.1	0.13	0.13	2.5	0.3	<0.05	3.2	9.13	13.2	<0.02	<1	<0.1	1.4	<10	<2