



**BUREAU** MINERAL LABORATORIES  
**VERITAS** Canada

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Bureau Veritas Commodities Canada Ltd.  
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

**Client:** **Klondike Gold Corp.**  
715 - 675 West Hastings St.  
Vancouver BC V6B 1N2 CANADA

Submitted By: Peter Tallman  
Receiving Lab: Canada-Whitehorse  
Received: July 18, 2016  
Report Date: August 02, 2016  
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## CERTIFICATE OF ANALYSIS

WHI16000113.1

### CLIENT JOB INFORMATION

Project: LS  
Shipment ID: LS16-37  
P.O. Number  
Number of Samples: 17

### SAMPLE DISPOSAL

RTRN-PLP Return 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.  
715 - 675 West Hastings St.  
Vancouver BC V6B 1N2  
CANADA

CC: Graeme Joyce

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	16	Crush, split and pulverize 500g rock to 200 mesh			WHI
FS631	17	Metallic Sieve 500g to 150 mesh			VAN
Split +150 mesh	17	Analysis sample split/packet			VAN
Split -150	17	Analysis sample split/packet			VAN
FS631	16	Metallics Fire Assay for Au	30	Completed	VAN
AQ201	17	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	17	Per sample shipping charges for branch shipments			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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WHI16000113.1

	Method Analyte Unit MDL	WGHT	M150	FA430	FS600	FS600	FS600	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
		kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm
		0.01	1	0.005	0.01	0.17	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1
2002343	Drill Core	1.99	437	<0.005	<0.01	<0.17	26.37	0.2	12.9	6.1	74	0.1	2.4	9.3	968	3.46	8.3	1.3	<0.5	3.1	95
2002344	Drill Core	0.83	340	0.029	0.03	<0.17	25.08	0.4	15.4	5.8	30	0.3	1.5	7.2	964	3.04	450.5	0.9	33.1	2.1	116
2002345	Drill Core	2.65	494	0.008	<0.01	<0.17	23.53	0.4	9.2	6.7	82	0.1	1.3	9.3	1202	3.98	11.4	1.3	6.3	3.2	86
2002346	Drill Core	0.80	321	0.153	0.14	<0.17	20.80	0.5	17.7	4.1	35	0.2	1.0	9.9	1205	3.96	227.5	1.0	145.4	2.6	189
2002347	Drill Core	0.72	338	0.008	<0.01	<0.17	20.82	<0.1	26.8	10.1	98	0.1	2.2	16.5	1406	5.84	2.4	0.8	5.0	2.9	88
2002348	Drill Core	0.71	371	0.012	0.01	<0.17	19.71	0.2	28.7	6.0	87	0.1	2.1	14.5	1317	5.08	0.7	0.6	1.5	2.0	67
2002349	Drill Core	1.15	351	<0.005	<0.01	<0.17	24.96	0.3	42.7	8.2	77	0.1	7.4	17.4	1334	5.04	1.9	0.5	0.8	1.6	119
2002351	Drill Core	0.62	341	0.070	0.06	<0.17	23.53	0.9	13.8	73.4	50	0.7	3.2	2.5	314	1.73	184.0	0.2	26.0	0.6	6
2002352	Drill Core	0.95	386	0.120	0.11	<0.17	24.13	1.8	68.8	73.5	123	0.9	5.9	19.3	640	4.01	802.6	0.7	139.4	1.9	18
2002353	Drill Core	2.84	429	0.063	0.06	<0.17	28.75	0.7	41.3	4.8	63	0.5	5.5	21.4	1041	4.75	281.3	0.6	59.7	2.1	14
2002354	Drill Core	1.85	323	0.020	0.02	<0.17	24.43	0.9	2.5	78.4	22	0.4	1.4	1.7	198	0.96	95.4	0.3	18.6	<0.1	1
2002355	Drill Core	1.44	440	0.089	0.08	<0.17	28.16	0.4	26.4	14.1	57	0.4	6.0	16.4	1143	4.45	1262.9	0.7	80.5	1.9	36
2002356	Drill Core	2.20	465	0.021	0.02	<0.17	27.29	0.2	49.1	45.6	56	0.4	7.3	17.5	1164	4.73	638.2	0.5	17.5	1.9	41
2002357	Drill Core	0.39	301	0.136	0.12	<0.17	27.95	0.3	102.7	7.2	40	0.9	6.9	16.5	1321	4.39	1843.0	0.8	133.0	1.5	20
2002358	Drill Core	0.35	263	0.049	0.04	<0.17	29.73	0.2	34.1	268.4	87	0.6	3.4	6.7	665	2.46	817.7	0.5	43.7	0.8	10
2002359	Drill Core	1.72	478	0.074	0.07	<0.17	30.57	0.3	67.3	424.9	174	1.1	6.7	15.8	1206	4.04	1387.3	0.9	68.4	1.6	22
2002360	Rock Pulp	0.12	87	6.808	I.S.	I.S.	I.S.	12.6	70.1	22.3	56	0.8	18.8	9.0	463	4.14	14.0	0.4	7586.2	1.2	55



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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S
		ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05
2002343	Drill Core	0.3	0.1	0.1	20	1.46	0.054	9	6	1.08	76	0.022	1	1.27	0.107	0.12	0.2	<0.01	3.5	<0.1	0.09
2002344	Drill Core	0.3	0.2	<0.1	8	1.56	0.059	4	7	0.76	128	0.004	2	0.73	0.069	0.25	0.2	<0.01	2.5	<0.1	1.18
2002345	Drill Core	0.2	0.2	<0.1	40	1.38	0.069	9	4	1.25	76	0.015	1	1.69	0.117	0.10	0.2	<0.01	7.7	<0.1	0.06
2002346	Drill Core	0.1	0.3	<0.1	26	2.11	0.067	7	4	1.00	107	0.012	4	1.05	0.107	0.25	0.3	<0.01	7.0	<0.1	1.77
2002347	Drill Core	0.2	0.1	0.1	126	1.88	0.074	10	3	1.76	638	0.223	<1	2.44	0.115	1.30	0.1	<0.01	15.4	0.3	0.22
2002348	Drill Core	0.2	0.1	<0.1	114	1.98	0.071	8	4	1.52	906	0.257	<1	2.21	0.156	1.48	0.2	<0.01	16.5	0.3	0.07
2002349	Drill Core	0.2	<0.1	<0.1	80	3.75	0.052	6	7	1.35	214	0.042	1	1.91	0.038	0.47	<0.1	<0.01	8.7	<0.1	0.07
2002351	Drill Core	0.5	0.4	<0.1	8	0.06	0.013	3	20	0.28	79	0.002	2	0.49	0.019	0.13	6.5	<0.01	1.3	<0.1	<0.05
2002352	Drill Core	1.3	1.3	0.1	32	0.33	0.046	7	5	1.15	225	0.002	1	2.01	0.032	0.25	1.1	<0.01	4.5	<0.1	<0.05
2002353	Drill Core	0.7	0.6	<0.1	53	0.30	0.056	8	4	1.58	314	0.005	1	2.51	0.054	0.29	0.2	<0.01	6.2	<0.1	<0.05
2002354	Drill Core	0.2	0.5	0.2	3	<0.01	<0.001	<1	23	0.06	13	<0.001	<1	0.08	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05
2002355	Drill Core	0.7	0.6	<0.1	28	0.62	0.040	8	5	1.88	240	0.003	1	2.49	0.043	0.32	0.3	<0.01	5.5	<0.1	<0.05
2002356	Drill Core	0.2	0.4	<0.1	37	0.68	0.049	7	5	1.94	135	0.003	1	2.55	0.073	0.17	0.1	<0.01	6.5	<0.1	<0.05
2002357	Drill Core	0.3	1.0	<0.1	31	0.32	0.041	6	4	1.86	149	0.003	2	2.24	0.059	0.23	0.2	<0.01	5.0	<0.1	<0.05
2002358	Drill Core	1.2	0.6	0.1	15	0.13	0.019	3	10	0.71	95	0.002	1	0.93	0.031	0.12	0.2	<0.01	2.1	0.1	<0.05
2002359	Drill Core	1.6	1.0	<0.1	26	0.36	0.039	6	6	1.71	149	0.003	2	2.06	0.042	0.25	0.2	<0.01	4.3	<0.1	<0.05
2002360	Rock Pulp	<0.1	5.5	0.5	89	0.99	0.053	5	28	0.60	83	0.096	3	1.77	0.157	0.13	1.6	0.28	4.2	<0.1	<0.05



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	Method Analyte Unit MDL	AQ201	AQ201	AQ201
		Ga	Se	Te
		ppm	ppm	ppm
		1	0.5	0.2
2002343	Drill Core	5	<0.5	<0.2
2002344	Drill Core	2	<0.5	<0.2
2002345	Drill Core	8	<0.5	<0.2
2002346	Drill Core	4	<0.5	<0.2
2002347	Drill Core	11	<0.5	<0.2
2002348	Drill Core	10	<0.5	<0.2
2002349	Drill Core	6	<0.5	<0.2
2002351	Drill Core	1	<0.5	<0.2
2002352	Drill Core	5	<0.5	<0.2
2002353	Drill Core	6	<0.5	<0.2
2002354	Drill Core	<1	<0.5	<0.2
2002355	Drill Core	5	<0.5	<0.2
2002356	Drill Core	5	<0.5	<0.2
2002357	Drill Core	4	<0.5	<0.2
2002358	Drill Core	2	<0.5	<0.2
2002359	Drill Core	4	<0.5	<0.2
2002360	Rock Pulp	4	<0.5	0.3



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## QUALITY CONTROL REPORT

WHI16000113.1

	Method Analyte Unit MDL	WGHT	M150	FA430	FS600	FS600	FS600	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Wgt	TotWt	-Au	TotAu	+Au	+Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	
		kg	g	gm/t	gm/t	gm/t	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	
		0.01	1	0.005	0.01	0.17	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1
Pulp Duplicates																						
2002359	Drill Core	1.72	478	0.074	0.07	<0.17	30.57	0.3	67.3	424.9	174	1.1	6.7	15.8	1206	4.04	1387.3	0.9	68.4	1.6	22	
REP 2002359	QC							0.3	68.1	457.8	181	1.0	7.0	15.5	1235	4.18	1436.8	1.0	56.0	1.7	23	
Reference Materials																						
STD DS10	Standard							13.8	153.1	148.6	359	1.9	74.8	12.6	877	2.73	46.5	2.7	76.4	7.5	68	
STD OXC129	Standard							1.2	26.8	6.4	37	<0.1	78.1	19.6	411	2.97	<0.5	0.7	217.9	1.8	183	
STD OXD108	Standard	0.422																				
STD OXI121	Standard	1.799																				
STD OXN117	Standard	7.507																				
STD OXP91	Standard						14.92	29.43														
STD OXP91 Expected							14.82															
STD DS10 Expected								15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	2.59	91.9	7.5	67.1	
STD OXC129 Expected								1.3	28	6.3	42.9	79.5		20.3	421	3.065	0.6	0.72	195	1.9		
BLK	Blank	<0.17					30.00															
BLK	Blank	<0.005																				
BLK	Blank	<0.005																				
BLK	Blank							<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	
Prep Wash																						
ROCK-WHI	Prep Blank	424		<0.005	<0.01	<0.17	25.83	0.4	3.4	1.4	30	<0.1	1.0	3.5	433	1.88	<0.5	0.4	0.7	2.3	36	
ROCK-WHI	Prep Blank	453		<0.005	<0.01	<0.17	24.93	0.5	4.0	1.4	32	<0.1	1.2	3.7	437	1.89	<0.5	0.4	<0.5	2.4	36	



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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
		Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	
		ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	
		0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	
Pulp Duplicates																						
2002359	Drill Core	1.6	1.0	<0.1	26	0.36	0.039	6	6	1.71	149	0.003	2	2.06	0.042	0.25	0.2	<0.01	4.3	<0.1	<0.05	
REP 2002359	QC	1.5	1.0	<0.1	27	0.37	0.043	6	7	1.79	154	0.003	2	2.12	0.038	0.25	0.3	<0.01	4.4	<0.1	<0.05	
Reference Materials																						
STD DS10	Standard	2.6	9.6	12.2	41	1.06	0.076	17	54	0.77	327	0.077	6	1.03	0.072	0.33	3.2	0.28	2.8	4.9	0.27	
STD OXC129	Standard	<0.1	<0.1	<0.1	48	0.59	0.094	13	49	1.50	47	0.377	2	1.42	0.585	0.36	<0.1	<0.01	0.5	<0.1	<0.05	
STD OXD108	Standard																					
STD OXI121	Standard																					
STD OXN117	Standard																					
STD OXP91	Standard																					
STD OXP91 Expected																						
STD DS10 Expected		2.62	9	11.65	43	1.0625	0.0765	17.5	54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	
STD OXC129 Expected						51	0.665	0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37					1.1
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	
Prep Wash																						
ROCK-WHI	Prep Blank	<0.1	<0.1	<0.1	22	0.67	0.039	6	10	0.40	86	0.081	<1	1.07	0.140	0.12	0.1	<0.01	2.8	<0.1	<0.05	
ROCK-WHI	Prep Blank	<0.1	<0.1	<0.1	22	0.65	0.040	6	9	0.40	84	0.080	1	1.07	0.138	0.12	0.1	<0.01	2.9	<0.1	<0.05	



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## QUALITY CONTROL REPORT

WHI16000113.1

Method		AQ201	AQ201	AQ201
Analyte		Ga	Se	Te
Unit		ppm	ppm	ppm
MDL		1	0.5	0.2
Pulp Duplicates				
2002359	Drill Core	4	<0.5	<0.2
REP 2002359	QC	4	<0.5	<0.2
Reference Materials				
STD DS10	Standard	4	1.6	5.3
STD OXC129	Standard	5	<0.5	<0.2
STD OXD108	Standard			
STD OXI121	Standard			
STD OXN117	Standard			
STD OXP91	Standard			
STD OXP91 Expected				
STD DS10 Expected		4.5	2.3	5.01
STD OXC129 Expected		5.6		
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<1	<0.5	<0.2
Prep Wash				
ROCK-WHI	Prep Blank	4	<0.5	<0.2
ROCK-WHI	Prep Blank	4	<0.5	<0.2