LOG NO: ACTION:	<del>- JUL 1 - 6 1992 -</del>	RD.
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Lac Minerals Ltd. Exploration Division

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1991 DINIOND DPILL LOGC

APPENDIX C



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22,4

G		anada I	NC.	DI	AMOND DRILL HOLE	Report						Paç	e #1 o	nf 3	
LE NO. COPERTY CATION AIM NO. AGET CARTED CATED CTION MMENTS	MC91-63 RED MOU MARC ZO ORO 1 Aug. 9/ Aug. 14	NTAIN EA NE EL Su 91 LO /91 CH CO	RTHING STING EVATION RV. E. RV. N. GGED BY ECKED BY RE	250 N -203 E 2132.5 G. MACMILLAN BQ TH	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (*) DRILL CO. DRILL NO. FOREMAN	97 .360 97 -78 447.45 FALCON 1000/1 K. Hillen	Depth 91.4 247.3 447.5	Dip 4 - 77 - 77 - 77	Azimuth 103 098 094	Test Sper Sper Sper	Depth Dip 192.9 - 356.5 -	Azimuti 77 ( 77 :	: Test 197 SPER 00 SFER		
FROM	TO		DESC	RIPTION	· · ·		<u></u> ,	. <u> </u>		3AMPLE	FROM	70	WIDTH	Au g_ton	Ĥą g_ton
SUMMARY	!							:							
0.00	1.52	CASING													
1.52	33.91	VERY FINE	GRAINED (	igh tuff \ Inte	RCALATED ARGILLI	ite and tuff		i2k2)							
~ 91	35.20	Andesite S	ill (1 <b>1</b> A	2)											
35.20	38.90	FINE GRAIN	ed agh ti	JFF (164d)											
38.80	40.19	ANDESITE D	ike (11a)	(k)											
40.19	44.08	FINE GRAIN	ed ash ti	<b>F</b> F (184)											
44.08	44.20	FALLT (FZ)			•										
44.20	46.00	strongly o	XIDIZED	ruff (1TB)											
46.00	52.40	Fault zone	(FZ\178)												
52.40	79.00	COARSE ASH	TUFF (2	( <b>683</b> )											
79.00	79.10	FAULT ZONE	(FZ)												
/7.10	83.32		ED OTSKU		(65.)	•							•		
104.15	119.11			ATHER AGN THEE	(BY\ 104=7)										
119.11	148.21	COARSE ASH		DRYSTAL TIFF ()	(54 (10 m2)										
<u></u>	148.21	GROUND COR	e - Fall	T ZONE (FZ)											
148.21	153.68	HBL\PLAG P	ORPHYRY	(869di)											

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-7										
ŧ,	FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
	152.54	203.28	CONRSE ASH \ CRYSTAL TUFF (2\5A6a3)							
4	201.10	203.28	40-50% ARGILLACEDUS SECTION (13/16445)							
	203.28	203.46	FAULT ZONE (FZ)							
	203.46	207.90	SILICIFIED TUFF (2\506m5)							
	207.90	219.73	ARGILLITE (UTEN/1306m6)					•		
	219.73	224.87	coarse ash tuff \ crystal tuff (2\5f3a3)							
4	224.89	245 <b>.3</b> 8	ARGILLITE BRECCIA \ UTEN ZONE (UTEN\1306t8)							
	245.38	255.30	CONTACT ZONE (CZ\886t6)							
4	255.30	277.30	NEDIUM GRAINED HBL \ PLAG PORPHYRY (864a5)							
	277.30	304.08	NEDIUM GRAINED HEL \ PLAG PORPHYRY (8A3x2)							
(	.08	332 <i>.2</i> 8	Compse Hel \ Plag Pomphyry (86212)							
	332.28	336.56	ANDESITE DIKE (11H6m1)		•					
	336.56	345.98	HEL \ PLAG PORPHYRY (856ml)							
	345.98	362.44	Hel \ Plas porphyry (802m2)							
	362.44	367.40	BRECCIATED ARGILLITE AND HBL \ PLAG PORPHYRY (BX\13\807mB)					•		
	367.40	<b>396.</b> 17	HINERALIZED ZONE - MARC ZONE (MZ\Bx\89410)							
ļ	398.17	411.57	FUOTWALL MARC ZONE - SPHALERITE ZONE (MZ\867k7)							
i	411.57	447.45	HEDIUH GRAINED PLAG \ HBL PORPHYRY (8F6m3)							
1	447.45	447.45	E.O.H.							

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FROM	TO	DESCRIPTION			SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
0.00	1.52	CASING			<u> </u>				<u>.</u>	
1.52	33.91	VERY FINE GRAINED AGH TUFF \ INTERCALA	ied Arbillite (	ND TUFF (1AT\19242)						
		- medium grey-preen colour, very fine	arained, well'h	canded, bedded, hard,						
		nonmagnetic			•					
		- Bedding\Banding up to 1 cm in width								
		- > 1% argillic silicified bands rando	ily throughout							
		- minor faulting\tectonically disrupte	d beds with up	to 5 ca displacement						
		- 1-2% Quartz-Carbonate fractures, par	allel, cross cu	itting bedding and along						
		the core axis - some of the fracture	s are oxidized							
		- Ir14 py disseminated		<b>k k</b>						
		- IF-V.24 po blebs up to 1 Cm in Size -	oisseminated tr	rougnout						
		- Tr chlorite along fractures								
		- Redding: $2 m = 57^{\circ}$ 14 m -	45°	75 a - 40°						٠
		ós-38° iós-	52°	29 a - 35°		•	•			
•		, 8 <b>a</b> - 70° 20 <b>a</b> -	37°							
		12 a - 45° 23 a -	58*							
- 52	6 <b>.8</b> 0	- strongly fractured, broken core - pi	eces up to 6 cm	) long						
18.72	19.20	Andesite Sill								
		- medium green colcur, medium fine gra	ined, massive,	mottled appearance with	•					
		no to little sulphides, nonmagnetic								
•		- Guartz-Carbonate micro-fractures alo	ng the core axi	5						
		- weak foliation with some remnant fra	<b>me</b> nts - Fo - 3	6'						
Zi.00	23.77	- up to 5% Quartz-Carbonate fractures	at all anoles t	o the core axis		· .				
		- Fe alteration on the fracture surface	:5						1	
73.77	74 MO	Andreite Sill 200								
20177	20100	- very entitled annearance with regeant	hedding in sea	e locations				•		
		- coarse grained with 1-7% Quartz clot	Control to be					. •		
		<ul> <li>- 0.5-1% cc disseminated</li> </ul>	•							
		- possibly at the edge of a sill ???						·		
27.30	27.60	Andesite Sill along the core axis								
29,80	30 <b>.5</b> 0	Broken core with Fe Oxidation along th	e fracture surf	aces						
30,87	31.20	Breccia								
		<ul> <li>mottled breccia fragments up to 2 cm grained matrix</li> </ul>	in size, round	led, in a very fine				•		
		- weak epidote and chlorite alteration				•				
	32.70	75% Andesite Sili		•						
	•	- gedium dark green colour, medium gra	ined with irrea	ular contacts						
		- composition - Feldspar, Hornblende,		•						
		- Tr sulphides		,						

FROM	TO	DESCRIPTION		SANFLE	FROM	TO	WIDTH	Au g_ton	Aq g_ton
33.91	35.20	Andesite Sill (11A2)							
		<ul> <li>medium dark green colour, medium grained, massive,</li> <li>composition - Feldspar, Hornblende, Chlorite</li> <li>what thereis alteration</li> </ul>	nonmagnetic						
		- 2-3% Hornblende euhedral crystals up to 1 cm in si	ze	•					
		- 7% Feldspar crystals up to 1 mm in size - 1% calcite patches							
35.20	<b>38.9</b> 0	FINE GRAINED ASH TUFF (1646)				·			
		<ul> <li>medium grey-green colour, fine grained, massive ap moderate foliation, nonmagnetic</li> </ul>	pearance with weak to						
		- composition - Feldspar - up to 0.5 mm in size							
		- Weak silicification							
		- Tr sulphides - primarily py and po - Foliation = 62°							
38.22	3 <b>8.8</b> 0	-sections of andesite with very irregular contacts a	t low core angles						
.80	40.19	ANDESITE DIKE (11A1k)							
		<ul> <li>medium green colour, medium grained, porphyritic,</li> <li>10-15% feldspar - euhedral to subhedral phenocryst</li> <li>5-10% Hornblende - subhedral to anhedral phenocryst</li> </ul>	wassive, nonmagnetic s up to 1 mm in size ts up to 1.5 mm in size						
		- Tr sulphioes py and po	· · · · ·						
		<ul> <li>up to 1% Guartz-Larbonate fractures and micro-frac and at 50° and 40° to the core axis</li> </ul>	tures along the core axis						
40.19	44.08	FINE GRAINED ASH TUFF (184)						,	
		<ul> <li>medium grey-green colour fine grained, mottled app nonmagnetic</li> </ul>	earance, silicified,						
		- up to 3% Guartz-Cartonate wicro-fractures at 70° a - Tr-2% Chlorite along fractures	nd along the core axis					•	
42.42	44.08	<ul> <li>increase in the abuncance of the oxidation along t</li> <li>core textures are being obliterated by the oxidati</li> </ul>	he fractures , on						
44.08	44.20	FALLT (FZ)							
44.20	46.00	STRONGLY OXIDIZED TUFF (118)							
		<ul> <li>medium to dark orange colour, very fine grained wi micro-fractures at all angles to the core - fractu</li> </ul>	th 5% Guartz-Carbonate res are commonly oxidized					•	
00	52.40	FAULT ZONE (FZ\1T8)							
		- the core is broken into pieces up to 6 cm long and	strongly oxidized						•

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Àg g_ton
52,40	79.00	COARSE ASH TUFF (276m3)						
		<ul> <li>fine grained, massive, medium grey colour with sections of strong limonitic oxidation decreasing down the hole</li> <li>sections of ground core up to 30.cm in length</li> <li>up to 10% feldspar shards</li> <li>10% Quartz-Carbonate veins with oxidation often haloing the fractures</li> </ul>						
		- 1% py and po disseminated and in fractures creating stringers - 8% feldspar phenocrysts up to 1 am in size - subhedral to anhedral habit		I				
56.70 60.07	57.03 61.40	Ground Core Ground-Broken Core						
62.90	63 <b>.4</b> 0	Ground Core						
52.40	63.40	Intense Limonitic Alteration						
63.40	7 <b>9.</b> 00	-Moderate limonitic alteration confined to haloing Guartz-Carbonate fractures						
67.90	68.30	- up to 5% py within fracture fillings with 5% chlorite and 1% po						
10	73.80	<ul> <li>%5 bluish colour mineral mixed in with the Quartz-Carbonate veins</li> <li>core is strongly silicified, motley looking with a few areas of breccia up to 10 cm in length</li> <li>Quartz-Carbonate micro-fractures at 60° and along the core axis</li> </ul>						
79.00	79.10	FAULT ZONE (FZ)						
		- limonitic ground core and gauge						
79.10	83.32	FINE GRAINED DISAUPTED TUFF (1\8T6s)				·		
		<ul> <li>medium grey colour, very fine grained disrupted tuff with limonitic fractures, mottled appearance, nonmagnetic</li> <li>strongly fractured - approx. 130 fractures per 1 m</li> <li>fractures are infilled with Quartz-Carbonate and Limonite</li> <li>Tr bluish colour mineral commonly associated with the fractures</li> <li>fracture angles trend @ 15*, 42° and 50° to the core axis</li> <li>Tr py and po along the odd fracture plane</li> </ul>						
75.56	79,94	- ground core with a limonitic alteration						
			20001 20002 20003	79.10 30.50 82.00	30.50 82.00 83.32	1.40 1.50 1.32	0.03 0.12 0.02	1.6 1.2 - 1.1
83.32	106.15	FINE GRAINED ASH TUFF (IAT\162k2)						
		<ul> <li>medium grey-green colour, very fine grained, bedded, spotty magnetism</li> <li>sections up to 1 m where the bedding has been disrupted and/or is no longer evident. These sections have a more mottled appearance.</li> </ul>						

- alternating bands of tuffaceous and argillic material
   2-3% po disseminated and as stringers

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From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq g_ton
		- 1-2% py disseminated and as stringers						
		<ul> <li>Tr sphalerite in fractures</li> <li>4-5% Quartz-Carbonate veins and micro-veins infilling fractures - commonly limonitic - at 60° and 40°</li> </ul>						
			50008	D7 70	DA EA		A 47	
			20005	· 94 50	09.0V 01.00	1.10	0.03	1 
			20003	84.00	87.50	1.50	0.03	1.1 1.1
			20007	87.50	87.00	1.50	0.02	1.
			20008	89.00	90.50	1.50	0.02	1.0
			20009	90 <b>.50</b>	92.00	1.50	0.02	1.2
			20010	92.00	93.50	1.50	0.03	1.3
			20011	<b>93.5</b> 0	95.00	1.50	0.03	1.2
			20012	95.00	96.50	1.50	0.04	V.
			20013	96.50	98.00 00 50	1.50	0.02	9.0 ^
50.13	100.17	Viene Giartz-Carboate Vein	20014	78.00	77.00	1.30	0.02	V.
VV.10	100.17	Vigoy dual iz carbonate venn		•				
0.69	100.99	Intrusive Sill						
-		- medium green-grey colour, medium grained, massive, nonmagnetic - iX po as discrete blebs						
			20015	99.50	101.00	1.50	0.01	i.
			20016	101.00	102.50	1.50	0.02	0.
			20017	102.50	.104.00	1.50	0.01	i.
			20018	104.00	105.50	1.50	0.02	1.
			20017	105.50	106.15	0.65	0.02	1.
06.15	119.11	BRECCIATED FINE GNAINED AGH TUFF (BX/104m2)						
		- very fine grained, medium oreen colour, spotty magnetism						
		- Angular to subangular fragments tend to demonstrate bedding while the matrix						
		in places demonstrates a weak to moderate angillaceous alteration						
		<ul> <li>Tragment supported with fragments up to 30 cm in size.</li> <li>some of the fragments demonstrate micro-faulting with a displacement in the</li> </ul>	•					
		order of 1 cm						
		- argillic alteration is more prevalent at the bottom of the unit						
		- 3-10% Guartz-Carbonate micro-fractures at 41°,45° and 15°						
		- in inconitic alteration within the Guartz-Carbonate Veins						
		- (f bpRalefile Dieds - 0 5-17 pv disepainsted						
		- 0.5-1% py disseminated						
			20020	106.15	107.50	1.35	0.02	1.
			20021	107.50	109.00	1.50	6.02	Û.
		Arnillic Section						
09 <b>,47</b>	109.85							
09 <b>,4</b> 7	107,85		70022	100 00	110 50	( F.)	A A1	å
05 <b>,4</b> 7	107.85		20022 20023	10 <b>9.</b> 00	110 <b>.50</b>	1.50 1.50	0 <b>.01</b> 0.01	0. 0.
07, <b>47</b> ~	107.85		20022 20023 2002 <b>4</b>	109.00 110.50 112.00	110.50 112.00 113.50	1.5) 1.50 1.50	0.01 0.01 0.01	0. 0. . 1.
09,47	107.85		20022 20023 20024 26025	109.00 110.50 112.00 113.50	110.50 112.00 113.50 115.00	1.5) 1.50 1.50 1.50	0.01 0.01 0.01 0.02	0. 0. . 1. 1.

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### HOLE #: HC91-63

No.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIGTH	Au g_ton	40 0_ton
			20027	116.50	118.00	1.50	<b>0.</b> 61	1.1
118.30	119.11	- up to 5% po finely disseminated - up to 3% py finely disseminated	20028	118.00	119.11	1.11	0.01	0.4
119.11	1 <b>48.2</b> 1	COARSE AGH TUFF \ CRYSTAL TUFF (2\5A6mi)					·	
·		<ul> <li>medium green-grey colour, fine grained, massive, with spotty magnetism usually caused by po</li> <li>10-15% Feldspar, shards or crystals up to 1 mm in size, euhedral habit</li> <li>3% Hornblende euhedral phenocrysts</li> <li>3-5% Quartz-Carbonate fracture fillings up to 2 cm in size- commonly 1 mm in</li> </ul>						
		<pre>size - 0.5-1% py disseminated and along fractures - 0.5% po disseminated and along fractures - Tr limonite on fracture planes - alteration is weakly chloritic - UCT = 58*</pre>			·			
75	119.80	K alteration - pinkish cast to the core		ň				
			20029 20030	119.11 120.50	120.50 122.00	1.39 1.50	0.01 0.01	0.9 0.5
123,00	124.00	Ground Core - 50% loss	20031	122.00	123.50	1.50	0.01	<b>.</b> 4
		·	20032 20033 20034 20035	123.50 125.00 126.50 128.00	125.00 126.50 128.00 129.50	1.50 1.50 1.50 1.50	0.03 0.01 0.02 0.01	0.5 0.6 0.4 0.7
130.17	130.67	Guartz-Carbonate Vein with moderate limonitic alteration						
134.98	133.37	Bleached section with Limonitic alteration						
137.74	137.94	Bleached area due to the abundance of quartz-carbonate veining ~ minor limonitic alteration						
141.54	142.25	Breccia - angular to subangular fragments up to 10 cm in size supported in a medium grained matrix of similar composition						
148.01	148.21	ground core - Fault zone (FZ)						
148.21	153.68	HBL\PLAG PORPHYRY (868d1)						
		<ul> <li>medium green colour, coarse grained, massive porphyritic, nonmagnetic</li> <li>8-10% Hornblende euhedral to subhedral phenocrysts up to 1-2 mm in size altered to Chlorite</li> <li>8-10% Plagioclase euhedral to subhedral phenocrysts 1-2 mm in size</li> </ul>						

- Tr sulphides in fractures, py

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HOLE #: HC91-63

Marson Co.

ND G	ם מו	ANADA INC. HOLE - PAGE # 8 of 16						
FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq g_ton
		- pervasive silica alteration		·				
51.79	152.54	ground core - Fault zone (##\FZ)						
		- limonite along the fractures						
152.54	203.28	<pre>CDARGE ASH \ CRYSTAL TUFF (2\504m3) - medium green-grey colour, medium grained, massive, spotty, magnetic - 8% Feldspar euhedral phenocrysts and shards up to 1 mm in size commonly found in sections greater than 30 cm Tr-1% hornblende subhedral phenocrysts up to .25 mm in size, commonly altered to chlorite - moderate chlorite alteration - 2% by disseminated and along fractures - 1% po disseminated and along fractures - Tr Guartz-Carbonate micro-fractures at 50° and along the core axis - Tr Guartz-Carbonate micro-fractures</pre>						
55.55	156.86	Breccia - rounded fragments of tuff material in a darker (black) matrix - up to 5% sulphides, py and po - primarily within the matrix						
			20036 20037 20038 20039 20040 20041	156.00 157.00 158.50 160.00 161.50 163.00	157.00 158.50 160.00 161.50 163.00 164.00	1.00 1.50 1.50 1.50 1.50 1.00	0.01 0.01 0.02 0.01 0.01 0.01	0.8 0.2 0.3 0.7 1.0 1.2
6 <b>4.</b> 00	167.00	<ul> <li>up to 5% Guartz-Carbonate micro-fracture fillings with limonitic alteration and a limonitic halo</li> </ul>	20042 20043	164.00 165.50	165.50 167.00	1.50 1.50	0.01 0.03	0.7 0.8
57.00	169.00	<ul> <li>5% py and po along fractures and micro-fractures</li> <li>fractures are chlorite rich</li> <li>weakly silicified</li> </ul>	20044	167.00	168.50	1.50	0.04	0.2
57.67	167.74	hassive fo Vein						
69.00	172.53	- 10% euhedral feldspar phenocrysts and shards up to 2 mm in size - Tr - 1% chlorite along fractures - weak Chlorite and silica alteration	200 <b>45</b> 200 <b>46</b>	168.50 170.00	170.00 171.50	1.50 1.50	0.02 0.03	0.4 0.7
2.93	17 <b>4.3</b> 0	<ul> <li>dark grey colour with 3-5% py and po primarily along fractures and disseminated</li> <li>moderate to strong Chlorite alteration</li> </ul>	, 20047	171.50	173.00	1.50	0.03	0.2
•			20048	173.00	174.50	1.50	0.03	0.2
76.17	176.60	- moderate limonitic alteration around fractures	20049	174,50	1/6.00	1.50	0.03	0.3 •
			20050 - 20051	176.00 177 <b>.5</b> 0	177 <b>.5</b> 0 179.00	1.50 1.50	0.02 0.02	0.6 0.8

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- <b>(</b> From	-70	DESCRIPTION	Sample	FRON	TO	WIDTH	êu g_ton	Ĥg g_ton
179.22	179.70	- chloritic rich fracture along the core axis with 5% py						
			20052	179.00	180.50	1.56	0.01	ô.5
			20053	180.50	182.00	1.50	0.02	0.5
182.88	182.95	- chloritic rich section with 5% py						
			20054	182.00	183.50	1.50	0.02	0.3
		·····	544 <b>88</b>	187 54	105 AA	4 50		
184.00	185.00	- inmonitic alteration around fractures (50°)	20033	185.50	183,00	1.50	0.02	V./
			20056	185.00	186.50	1.50	0.03	0.9
			20057	186.50	188.00	1.50	5.00	0.6
189.00	191.00	Aglomertic fragments up to 30 cm in length	20058	188.00	189.50	1.50	0.07	0.6
			20059	189.50	191.00	1.50	0.03	0.7
			20060	191.00	192.50	1.50	0.01	0.5
			20061	192.50	194.00	1.50	0.03	6.5
			20062	194.00	195.50	1.50	0.01	0.5
			20063	195.50	197.00	1.50	0.02	0.5
•			20064	197.00	198.50	1.50	0.02	0.2
			20065	198.50	200.00	1.50	0.02	0.6
/ 10	203.28	40-50% ANGILLACEDUG SECTION (13/16445)						
		<ul> <li>fine grained tuffaceous and argillaceous bands intercalated with a coarse ash tuff</li> <li>5% py and po disseminated</li> </ul>	20066	200.00	201.50	1.50	0.02	0.2
			20067	201.50	203.28	1.78	0.03	0.6
203.28	203.46	FAULT ZONE (FZ)						
		- ground core with graphite gouge along the edges						
			34410		507 AL	5. <b>(</b> 3	0.02	+ L
203.46	207.90	SILICIFIED TUFF (2\506m5)	20008	203.20	203.40	V.10	0.02	1.0
		<ul> <li>medium grey-green colour, fine grained, moderate silicification with brecciated sections, spotty magnetism</li> <li>Tr calcite along micro-fractures</li> <li>2% po disseminated</li> <li>2-3% pv disseminated and along fracture places</li> <li>Tr-0.5% hornblende phenocrysts up to 1 mm in size at the edge of the Dustre-Carbonate values</li> </ul>						
205,70	206.00	Blacky Ground	20069	203.46	205.00	1.54	0.03	0.5
<u>~</u> 25	208.75	Blocky Ground - Ground Core	20070	205.00	206.50	1.59	0.02	9.2
	•		20071	206.50	207.90	1.40	0.15	•
207.90	219.73	ARGILLITE (UTEN/1306m6)						

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HOLE -

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- dark grey to black colour, very fine grained, well foliated\bedded

IND GELD CANADA INC.

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### HOLE 4: HC91-63

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From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_tor
			<u></u>				<u></u>	
		<ul> <li>- 60% of the core is ground</li> <li>- 5% py disseminated blebs and stringers commonly along foliation planes</li> <li>- 3% po disseminated blebs and stringers commonly along foliation planes</li> <li>- no apparent sphalerite stockwork</li> <li>- In limonite along fractures</li> </ul>						
		- UCT - brecciated LCT - 40* Bedding - 60*						
		· · · ·	20072	207.90	207.00	1.10	0.02	
09.30	717 44	Ground Core	70073	209.00	210.50	1.55	0.05	
	227170		- 20074	210 50	212 00	1.50	0.07	
	·		20074 06645	010 AA	212.0V	1,UV ( EA	0.02 A 20	
			200/3	212.W	213.30	1.30	0.02	
			20076	213.50	215.00	1.50	0.01	
			20077	215.00	216.50	1.50	0.08	
			20078	216.50	218.00.	1.50	. 0.01	
			20079	218.00	219.00	1.00	0.01	
			20080	219.00	219.73	0.73	0.01	
19.73	224.89	COARSE ASH TUFF \ CRYSTAL TUFF (2\5F3a3)						
		<ul> <li>medium light green colour, massive, weakly porphyritic, spotty magnetism</li> <li>5% Feldspar phenocrysts up to 1 mm in size, euhedral habit, weakly to</li> </ul>		۰				
		<pre>moderately altered to sericite - 2% py fine grained disseminated and along fractures</pre>						
		- 1% po fine grained disseminated and along fractures - Tr Guartz-Carbonate micro-fracture fillings - Tr Chlorite along fractures						
								·
			20081	219.73	221.00	1.27	0.03	
			20082	221.00	222.50	1.50	0.02	
			20083	277.50	224.00	1.50	0.04	
			20084	224.00	274.89	0.89	0.01	
24.89	245.38	ARGILLITE BRECCIA \ UTEN ZONE (UTEN\1306+B)	2000					
•		- applies to dark arey colour, fine grained aroillite fragments in a serius						
		grained matrix of slightly lighter grey colour material						
		coarse ash tuff fragments up to 15 cm in size						
		- 7% py and po disseminated and along fractures forming sulphide stringers						
		- 1% Carbonate within micro-fractures					•	
		<ul> <li>Tr-1% Sphalerite as stringers and disseminated within the matrix</li> </ul>						
			34465	074 00	<b>95</b> 7 AA		5 M	
			20080	224,07	218.VV	لمشعب	9.02	
			24486	226,90	227.50	1.30	0.04	
			20087	227.50	227.00	1.50	0.05	
			20058	Z <b>Z9.</b> 00	230.50	1.50	0.05	
			200 <b>87</b>	Z30.50	232.00	1.50	. 0.06	
			20090	232.00	233.00	1,00	0.03	
•••			20091	233.00	234.00	1.00	0.07	
			20092	234.00	235.00	i.00	0.03	
			20073	235.60	236.00	1.00	0.03	
			20054	236.00	237.50	1.50	0.26	
			2695	237.50	237.00	1,50	0.56	•
				070.00	040 E0	4 EA	5 76	

HOLE #: MC91-63

GND G		ANADA INC. HOLE - PAGE # 11 of 16					
FROM	то	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton g
		·	20057	240.50	242.00	1.50	0.63
			20098	242.00	243.50	1.50	0.08
		· · · ·	20099	243.50	245.00	1.50	0.42
245.38	255.30	CONTACT ZONE (CZ\86616)	20100	245.00	245.38	0.38	1.21
		<ul> <li>medium grey-green colour, medium grained, massive, blotchy appearance, with magnetic sections due to a concentration of po</li> <li>moderate silicification \ albitization</li> <li>2% py disseminated blebs and as stringers within fractures</li> <li>3% po disseminated blebs and as stringers within fractures</li> <li>up to 1% Sphalerite as disseminated blebs</li> <li>Tr Buartz-Carbonate micro-fractures</li> <li>LCT - 31°</li> </ul>					
			20101	245.38	247.00	1.62	0.23
			20102	247.00	248.50	1.50	0.07
		· ·	20103	248.50	250.00	1.50	0.20
			20104	250.00	251.50	1.50	0.14
- 10	255.30	2% Schalerite Blebs	20105	251.50	253.00	1.50	0.37
		•	20106	253.00	254.50	1.50	0.91
254.40	254.50	Fy and Po Vein with Tr Sphalerite at the edge≤					
			20107	254.50	255.30	0.30	1.42
255.30	277.30	NEDIUM GRAINED HEL \ PLAG PORPHYRY (864m5)					
		<ul> <li>medium grey-green colour, medium grained, massive with magnetic sections due to concentration of po</li> <li>up to 3% remnant Hornblende phenocrysts replaced by po - up to 1 cm in size</li> <li>2-3% plagioclase phenocrysts, euhedral habit up to 2 mm in size</li> <li>5% py and po disseminated blebs and as fracture fillings forming sulphide stringers</li> <li>Tr Guartz-Carbonate fracture and micro-fracture fillings</li> <li>Tr0.5% Chlorite along micro-fractures and on fracture surfaces</li> <li>weakly silicified and/or albitized</li> </ul>					ι
			20108	255.30	256.50	1.20	0.13
257.89	258.40	Miss-Latch 25% core recovery	20109	256.50	258.00	1.50	0.06
			20110	258.00	259.50	1.50	0.16
			20111	259.50	261.00	1.50	<b>0.5</b> 3
			20112	261.00	262.50	1.50	1.01
			20113	262.50	264.00	1.50	0.46
			20114	264.00	265.50	1.50	0.34
			20115	265.50	267.00	1.59	0.28
			20116	267.00	26 <b>8.5</b> 0	1.50	0.19
			20117	26 <b>8.5</b> 0	270.00	1.50	0.31 .
			20115	270.00	271.50	1.50	0.12
			20119	271.50	273.00	1.50	0.21
		· · ·	20120	273.00	274.50	1.50	0.11
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XOND GOLD CANADA INC.

HOLE - PAGE # 12 of 16

FROM	TO	DESCRIPTION	Sample	From	TO	WIDTH	Au g_ton	Ag g_ton
			70121 20122	274.50 276.00	276 <b>.0</b> 0 277 <b>.</b> 30	1.50 1.30	0 <b>.05</b> 0 <b>.04</b>	0.1 0.2
277.30	304.08	NEDIUM GRAINED HEL \ PLAG PORPHYRY (843#2)						
		<ul> <li>medium green colour, medium grained, massive with hormblende and plagioclase phenocrysts , spotty magnetism</li> <li>3-5% Hornblende euhedral phenocrysts up to 1 mm in size, commonly altered to chlorite and/or po</li> <li>Plagioclase phenocrysts are euhedral to subhedral shape, up to 1 mm in size with some being demonstrating a weak sericite alteration.</li> <li>Tr Guartz-Carbonate micro-fractures</li> <li>Tr chlorite filled micro-fractures</li> <li>Tr chlorite filled micro-fracture planes</li> <li>up to 1% po fine grained disseminated, blebs and along fractures</li> <li>Tr Bluish mineral within Guartz-Carbonate veins and micro-veins</li> <li>Tr argillic sections with 10% py disseminated - up to 2 cm in width</li> </ul>						
		•	20123 20124 20125	277.30 278.50 280.00	278.50 280.00 291.50	1.20	0.04 0.12 0.07	0.2 0.3 0.7
			20123	280.00	281.00	1.50	0.07	0.4
			20127	283.00	284.50	1.50	0 <b>.0</b> 3	0.1
•			20128	284.50	286.00	1.50	0.04	0.3
			20129	286.00	287.50	1.50	0.02	0.3
			20130	287.50	289.18	1.68	0.03	0.3
289.18	290.74	Intermediate Sill - buff brown, massive, very fine grained matrix with hornblende up to 1 mm in size	20131	289.18	290.74	1.56	0.04	0.1
290,74	291.11	Ground Core						
			. 20132	290.74	292.00	1.76	0.05	0.3
			20133	292.00	293.50	1.50	0.03	0.5
			20134	293.50	295.00	1.50	0.03	0.1
			20135	295,00	296.50	1.50	0.02	0.1
			20136	296.50	298.00	1.50	0.02	0.2
			20137	293.00	299.50	1.50	0.04	0.3
			201 <b>38</b>	299.50	301.00	1.50	0.02	<b>0.3</b>
			20139	301.00	302.50	1.50	0.03	0.1
			20140	302.50	304.08	1.58	0.07	0.1
304.08	332.28	Coarse HBL \ Plag Porphyry (862m2)	•					•
		<ul> <li>medium green colour, fine grained matrix, massive, porphyritic, spotty magnetism due orimarily to a concentration of po</li> <li>5-8% altered euhedral Plagioclase phenocrysts up to 3 mm in size</li> <li>2% Hornblende - remnant phenocrysts, subhedral, altered to chlorite and po</li> <li>po centres</li> </ul>					•	·

- Ir-0.5% Quartz-Carbonate veins and veinlets as fracture fillings up to 1 cm in width
- Tr-1% argillic sections with up to 5% py
- 2% py and po as blebs, disseminated and as stringers along fractures

		· · · · · · · · · · · · · · · · · · ·						
From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq q_ton
		- Tr chlorite along fracture planes						
			20141	304.08	305.50	1 <b>.4</b> 2	0.05	0.1
			20142	305.50	306.35	0.85	0.05	0.1
306.35	307.47	10% Quartz-Carbonate Veins	20143	306.35	307.50	1.15	<b>∂.04</b>	9.2
		<ul> <li>angles vary from 60° at the top of the section to along the core axis near the bottom of the section</li> <li>107 aroillic alteration in sections up to 10 cm in length</li> </ul>	20144	307.50	308.50	1.00	0.09	1.4
		The arguing and and in sections up to in the in tength						
			20145	308.50	309.50	1.00	0.06	0.5
			20146	309.50	311.00	1.50	0.06	0.4
			20147	311.00	312.30	1.50	0.13	0.0 A R
			20149	314.00	315.50	1.50	0.03	0.1
			20150	315,50	317.00	1.50	0.02	0.1
			20151	317.00	318.50	1.50	0.03	0.2
			20152	318.50	320.00	1.50	0.03	0.4
			20153	320.00	321.50	1.50	0.02	0.3
_			20134	321.30	323.00	1.50	0.08	0./
			20156	323 <b>.00</b> 324.00	325.00	1.00	0.12	0.5 0.9
325.00	332.28	- Strongly fractured with argillic alteration infilling the fractures	20157	325.00	326.50	1.50	0.10	0.5
		- moderately silicified and bleached to a buff trown colour	20158	326.50	328.00	1.50	0.04	0 <b>.</b> 3
		- 3-5% Guartz-Carbonate fracture filling up to 1 cm in width	20159	328.00	329.50	1.50	0 <b>.03</b>	0.1
		- 1-2% py and po disseminated	20160	329.50	331.00	1.50	0.05	0.5
332.28	336.56	ANDESITE DIKE (11HGal)	20161	331.00	332.28	1.28	V.12	V.4
		- medium green colour, fine grained matrix with hornblende phenocrysts altered to chlorite						
		- 5-10% Quartz-Carbonate stockwork with at 45° to 60° to the core axis						
		- Tr chlorite along fractore planes						
		- up to 14 py and po disseminated						
			20162	332.28	333.00	0 <b>.7</b> 2	0.06	1.3
333,30	333.65	Quartz-Carbonate Vein						
			20163	333.00	334.00	1.00	0.03	1.8
			20164	334.00	335 <b>.</b> 50	1.50	i.05	1.3
336.56	345.98	HEL \ PLAG PORPHYRY (SG6m1)	20165	335.50	336.56	1.06	0.10	1.2
		- Bodium prov-proof rolaur, mateive persovritin moderately cilicified hard						
		<ul> <li>- 8-10% euhedral feldspar phenocrysts up to 5 mm in size with weak alteration</li> <li>- 3% remnant Hornblende up to 5 mm in size</li> </ul>						
		- 3-5% chlorite within matrix and along fracture planes						
		op to in py and po disseminated, along fracture planes and as tieds .					•	
			20166	336 <b>.</b> 56	338.00	1,54	0.12	0 <b>.</b> 2
			20167	ა <b>38.0</b> 0	<b>337.5</b> 0	1.50	0.04	- 0.4

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			20168	339.50	341.00	1.50	0.06	1.9
			20169	341.00	342.50	1.50	0.02	0.1
			20170	342.50	344.00	1.50	0.02	0.1
		•	20171	344.00	345.00	1.00	0.01	0.6
345.98	367.44	HE \ PLAC PREPAREY (AT2=2)	20172	345.00	345.98	0.98	0.03	0.2
V10170	UNCITY							
		<ul> <li>medium grey-green colour, fine grained, weakly porphyritic, weakly brecciated and moderately silicified</li> </ul>						
		- 3-8% Felospar crystals up to 1 mm in size with a euneoral mabit 🧳 - Argillic matrix to the brecciated sections - very weak	•					
		<ul> <li>2% py and po disseminated, along fracture planes and as blebs</li> <li>Tr-1% Chlorite on fracture planes</li> </ul>						
		<ul> <li>Tr Quartz-Carbonate fracture fillings</li> <li>Tr greenish mineral in fractures, soft - sericite ? or Talc?</li> </ul>						
			70173	345.98	347.50	1.52	0.04	0.7
			20174	347.50	349.00	1.50	0.03	0.5
			20175	349.00	350.50	1.50	0.12	0.1
			20176	350.50	352.00	1.50	0.06	0.1
$\mathcal{C}$			20177	352.00	353.50	1.50	0.13	0.1
(			20178	353.50	355.00	1.50	0.69	6.3
			20179	355.00	356.50	1.50	1.51	1.0
			20180	356.50	358.00	1.50	0.57	0.8
358.00	362.44	Increase in the Argillic Alteration Intensity	20181	358.00	359.50	1.50	0.58	0.1
			20182	359.50	361.00	1.50	<b>∂.58</b>	0.5
	•		20183	361.00	362.44	1,44	1.11	1.5
362.44	367.40	BRECCIATED ARGILLITE AND HEL \ PLAG PORPHYRY (BX\13\807m8)						
		<ul> <li>dark grey to black colour, fine grained, strongly brecciated with argillite and porphyry subangular fragments up to 5 cm in size</li> </ul>					, ,	· .
		- matrix supported						
		<ul> <li>5% py coarse grained within matrix and along fractures</li> <li>3% po coarse grained within matrix and along fractures</li> </ul>						
		·	20184	362.44	363150	1.06	9.23	64.5
			20185	363.50	365.00	1.50	11.55	70.7
-36 <b>6.</b> 00	367.00	<ul> <li>less intense brecciation, stronger porphyritic appearance, possibly sericite altered</li> </ul>	20186	365.00	366.50	1.50	3.20	11.1
			20187	366.50	367,40	0.90	11.29	17.4
367.40	388.17	HINERALIZED ZONE - MARC ZONE (NZ\Bx\099d10)						
<u></u>		<ul> <li>medium grey-blue colour, generally fine grained, brecciated, strongly silicified</li> </ul>						
r		<ul> <li>fragments are commonly angular argillaceous or tuffaceous and porphyry</li> <li>some of the argillic fragments have been altered to by</li> </ul>						
		- 7-10% ov coarse grained disseminated to seei massive in places						

- Tr greenish colour mineral along fractures Talc sections up to 30 cm in length are weakly altered sericitized and or

BOND GOLD CANADA INC.

# HOLE - PAGE # 15 of 16

FROM	TO	DESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	Ag g_ton
		albitized - Tr Tourmaline within the altered sections						
367 <b>.4</b> 0	3 <b>58.</b> 90	- softer section, weakly foliated with quartz grains - weak to moderate sericitization	20188	367.40	368.90	1.50	2.95	2.3
3 <b>68.9</b> 0	372.18	<ul> <li>medium blue grey colour, very fine grained, silicified and brecciated</li> <li>5-8% py coarse grained within the matrix</li> </ul>	20189 20190 20191 20192 20193	368.90 370.00 371.00 372.18 373.50	370.00 371.00 372.18 373.50 375.00	1.10 1.00 1.18 1.32 1.50	5.95 2.13 3.63 1.66 2.70	4.3 3.2 2.9 2.1 8.7
377.34	377 <b>.5</b> 0	- greenish cast - weakly sericitized	20194	375.00	37 <b>6.5</b> 0	1.50	2.31	8.4
776 SA	770 DA	- Tourabling envelope up to 0.5 as in size	20195 20196	376.50 378.00	378.00 379.50	1.50 1.50	5.23 8.30	5,5 4,7
<i>(</i>	977470		20197 20198 20199	379.50 381.00 382.50	381.00 382.50 384.00	1.50 1.50 1.50	6.78 5.23 1.88	4.2 11.2 6.9
3 <b>84.</b> 00	388.17	- Tuffaceous breccia fragments that are well bedded	20200 20201	384.00 385.50	385.50 387.00	1.50 1.50	2.99 2.97	5.2 6.2
388.17	411.57	Footwall warc zone - sphalerite zone (NZ\867k7)	20202	387.00	366.17	1.17	3.84	14.0
		<ul> <li>medium grey colour, massive, medium grained, porphyritic</li> <li>7% feldspar subhedral to euhedral phenocrysts</li> <li>weakly sericitized with a weak foliation developing</li> <li>5-7% sulphide mineralization</li> <li>4% py coarse grained within the fractures</li> <li>2% po coarse grained within the fractures</li> <li>7r - 1% sphalerite within fractures and disseminated</li> <li>7r Chalcopyrite predominantly found within po stringers</li> <li>7r green mineral, soft, disseminated and within fractures - Talc?</li> </ul>	•					
			20203 20204 20205 20206	388.17 389.50 391.00 392.50	389.50 391.00 392.50 394.00	1.33 1.50 1.50 1.50	2.94 4.05 0.85 3.41	5.7 13.6 3.8 7.0
394,00	395.25	- 5% Argillite fragments, subangular, up to 3 cm in size	20207	394.00	395.00	1.00	2.16	2.4
396.00	378.83	- dark grey colour, 8% po with 1% Chalcopyrite stringers	20208	395.00	396.00	1.00	5.64	7.4
1	•		20207 20210	395.00 397.00	397.00 3 <b>78.5</b> 0	1.00 1.50	9.20 1.27	18.1 . 1.9
378.68	411.57	<ul> <li>dark grey colour, mottled appearance with 3% sphalerite</li> <li>5% Hornblende commonly being replaced by po (centres)</li> </ul>	20211 20212	398.50 400.00	400.00 401.50	1.50 1.50 Hole	2.42 2.71	31.5 37.3 <b>-43</b>

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From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_tor
			20213	401.50	403.00	1.50	2.33	28.
			20214	403.00	404.50	1.50	1.04	3
			20215	404.50	406.00	1.50	0.52	- 1
			20216	406.00	407.50	1.50	0.47	0
			20217	407.50	409.00	1.50	6.43	ů
			20218	409.00	410.50	1.50	0.79	- 0
			20219	410.50	411.57	1.07	0.80	ů
1.57	447.45	NEDIUN GRAINED PLAG \ HBL PORPHYRY (8F4m3)				••••		
		- medium grey-green colour, medium grained, massive with some coarser grained						
		porphyritic sections towards the bottom of the hole, hard, silicic and						
		moderate sericite alteration						
		- 2% py disseminated and along fracture planes						
		- 1% po along fracture planes						
		- up to 2% euhedral Hornblende phenocrysts altered to po and chlorite					•	
		- Tr Sphalerite blebs						
		- Tr fragments, mafic composition, subrounded up to 3 cm in size						
		- Tr-0.5% Quartz-Carbonate fracture fillings						
		- Tr Chlorite along fractures						
			20220	411.57	413.00	1.43	0.54	0
			20221	413.00	414.50	i.50	0.32	0
			20222	414.50	416.00	1.50	0.56	0
			20223	415.00	417.50	1.50	0.03	0
			20224	417.50	419.00	1.50	0.04	0
			20225	419.00	420.50	1.50	0.05	0
			20226	420.50	421.50	1.00	0.12	0
			20227	421.50	423,00	1.50	0.36	0
			202 <b>28</b>	423.00	424.50	1.50	0.43	0
5.90	428.45	- Coarse Grained	20229	424.50	426.00	1.50	0.46	0
		- 5% Feldspar phenocrysts anhedral shape, up to 3 mm in size	20230	426.00	427.50	1.50	0.16	0
		- 3% Hornbiende phenocrysts up to 3 mm in size aftered to chlorite and po						
			20231	427.50	42 <b>9.</b> 00	i.50	0.07	1
		ι,	20232	429.00	430.50	1.50	0.02	1
			20233	430.50	432.00	1.50	0.04	· 0
			20234	432.00	433,50	1.50	0.03	0
			20235	433.50	435.00	1.50	0.08	0
			20236	435.00	436.50	1.50	0.04	0
			20237	436.50	438.00	1.50	0.05	0
			20235	438.00	439,50	1,50	0.03	0
			20239	439.50	441.00	1.50	0.03	0
			20240	441.00	442.50	1.50	0.04	t
		· · · · · · · · · · · · · · · · · · ·	70741	447.50	444.66	1.50	. 0.03	1
			202.72	444,00	445.50	1.54	0.05	1
-			20272 76783	445.50	444.50	1.65	0.07	1 7
		· ·	20270	444 50	447 45	A 95	0.11	- 
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		anada	INC.	D)	iamond drill hole	e report			<u></u>			Pac	je #1 o	f 4	<u>.</u>
ICLE ND. PROPERTY LOCATION LAIM NO. ARGET STARTED TINISHED VECTION COMMENTS	NC91-6 RED NO MARC ZI ORO 1 AUG 17 AUG 22	4 .NTAIN INE , 1991 , 1991	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	125 -270 2075 G.MacMillan BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (=) DRILL CG. DRILL NG. FOREMAN	90 360 90 -65 404.77 FALCON 1000/1 K.Hillen	Depth 91.4 289.6	Dip f - 66 - 66	Azimuth Ter 088 Sf 098 Sf	st   PER PER	Depth Dig 182.9 404.8	) Azimut - 65 ( - 65 )	n Test 192 SPER 100 SPER		
From	TO		DESC	RIPTION					SAM	PLE	From	TO	WIDTH	Au g_ton	Ag g_ton
SUMARY	1				· · · · · · · · · · · · · · · · · · ·										
0.00	1.52	CASING													
1.52	58.30	FINE TO	MEDIUM GNAI	ned Agn Tuff (	(#\$\1\2A7a1)										
<b>50</b> 30	58,58	FAULT 6	oure (FZ)									·			
58.58	110.85	FINE TO	MEDIUM GRAI	ned ash tuff (	( <b>99</b> \1\2A7m1)										
110.85	127.16	HEDIUN	grained agh	TUFF (2A7e1)											
127.16	127.41	LINONIT	IC FALLT (FZ	()											
127.41	159.13	CHLORIT	ized coarse	AGH TUFF \ POI	PHWRY (2\8A7a)										
159.13	159.46	LINDNIT	ic fallt (fz	()											
159.65	170.16	HBL\PLA	g porphyry (	868d5)											
170.16	183.92	COARSE	ash tuff \ a	ltered HBLVPL	ng porphyry (2\8	9963)									
183.92	185.25	FALLT Z	ONE (FZ)			·									
185.25	192.52	ALTERED	HBL \ PLAG	Porphyry (857)	<b>I</b> 3)										
192.52	201.05	ANDESIT	E DIKE \ SIL	L (11A7mi)								·			
201.05	204.26	ALTERED	PORPHYRY (8	167 <b>n</b> 6)											
204.26	205.66	seni-ha	ssive sulphi	de section (M	3)										
20= 66	206.76	FOOTWAL	l alteration	I of the sulph	IDE ??										
206.76	207.00	GROUND	CURE (\$\$)												
207.00	220.74	HBL \ P	lag porphyrn	(8F9n3)		•	:		-		,				

	TO	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Hộ g_tor
220.74	255.88	HEL \ PLAG PORPHYRY (80NG8m5)							
255.88	260.08	BRECCIA (BX)							
260.08	265.91	HEL \ PLAG PORPHYRY (BFD6m3)							
265.91	267.39	BREECIA (BX 0A6m2)							
267.39	269.90	HEL \ PLAS PORPHYRY (8FD6a3)							
269.90	273.00	BRECCIA (BX ADimi)							
273 <b>.00</b>	275.35	HBL \ PLAG PORPHYRY (BABI(5)	•						
275.35	275.35	FALLT ZONE (FZ)							
275.45	307.00	HEL \ PLAG PORPHYRY (BDF6m3)							
307.00	308.22	SULPHIDE BRECCIA (BX)							
.22	313.00	HBL \ PLAG PORPHYRY (HZ\8F7d6)							
313.00	313.33	FALLT ZOME (FZ)							
313.33	316.45	K-ALTERED HBL \ PLAG PORPHYRY (BAK6K6)							
316.45	321.52	HEL \ PLAG PORPHYRY (BNH7010)							
321.52	326.35	Altered HBL \ Plag porphyry (8F9805)				·		· .	
327.35	327.50	FALLT ZONE (FZ)							
327 <b>.50</b>	336.35	BREDCIATED ASH TUFF (BX\IAT\16705)							
336.35	<b>362.4</b> 7	INTERCALATED ANGILLITE AND TUFF (IAT\1308.6)							
362.47	365.40	FINE GRAINED BEDDED ASH TUFF(IAT\164d4)							
365.40	374.75	HBL \ PLAG PORPHYRY (8F8m2)				•			
374.75	382.75	BREDCIA (BX\86666)							
382.75	387.35	FINE GRAINED ASH TUFF (IAT\167m2)							
387.35	391.10	HBL \ PLAG PORPHYRY (8F6k3)							

404.77 404.77 E.O.H.

None of

30ND GOLD CANADA INC.

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FROM	TO	DESCRIPTION	 SAMPLE	FROM	TO	WIETH	Au g_ton	Ag g_ton
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FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	Ag g_ton
0.00	1.52	CASING						
1.52	58.30	FINE TO MEDIUM GRAINED AGH TUFF (##\1\287ml)					•	
		<ul> <li>medium green colour, massive, medium grained, strongly fractured, blocky (drilling along a fault??), strongly chloritized</li> <li>1-2% Quartz-Carbonate veins as fracture fillings and vuggy sections</li> <li>Tr-1% py disseminated and along fracture planes</li> <li>Tr-1% po disseminated and along fracture planes</li> <li>fractures are commonly oxidized and chloritized with some MnO</li> </ul>						
1.52	3.79	Broken Core, Ground Core with oxidation along the fractures						
5 <b>.</b> 29	8.35	Axinite Vein \ Fracture Filling						
17.65	71.00	Mislatch						
17.68	21.00	Very Blocky - core up to 5 cm in length						
<b></b> .	38.00	Blocky Ground - limonitic and MnD alteration on all fracture surfaces						
45.50	58,30	Blocky Ground - core lengths not greater than 10 cm						
58.30	58.58	FAULT GOUGE (FZ)						
		<ul> <li>limonitic fault gouge</li> <li>section so far appears to be parallel with this fault</li> </ul>					1	
58.58	110.85	FINE TO NEDIUN GRAINED AGH TUFF (#0/1/20701)						
		- similar to 1.52 to 58.30						
58,58	a9 <b>.85</b>	Blocky Bround - core fragments commonly 2 cm in length with limonitic and MnO coatings						
<del></del>	67.30	Ground Core						
68. <del>55</del>	69 <b>.</b> 70	Ground Core						
72.00	110.85	Ground Core						
81.JX	81.50	Fault						
^ <u>1</u> .85	127.16	NEDIUN GRAINED ASH TUFF (287al)						
	•	- similar to 1.52 to 58.30 - medium orained, massive, moderately fractured with limonite along the						

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nedium grained
fractures

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- Tr-12 Quartz-Carbonate micro-fractures

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$\left( \begin{array}{c} \\ \\ \end{array} \right)$								
iond g		ANADA INC. HOLE - PAGE # 5 of 14						
FROM	TO	DESCRIPTION	SAMPLE	From	TO	#IDTH	Au g_ton	Aọ g_ton
		- Tr-1% py and po disseminated - Tr Hornblende phenocrysts in albitized sections						
125.60	125.72	Limonitic Fault						
127.16	127.41	LINONITIC FAULT (FZ)						
127.41	159.13	Chloritized coarse ash tuff \ porphyry (2\8A70)						
		<ul> <li>medium green colour, medium-coarse grained, massive, spotty magnetism.</li> <li>alteration - strongly chloritized <ul> <li>sections of weak albitization up to 30 cm in length</li> </ul> </li> <li>Tr-1% Hornblende phenocrysts up to 1 mm in length</li> <li>Tr py and po predominantly along fractures and disseminated</li> <li>1-2% Guartz-Carbonate fracture fillings at all angles to the core axis</li> </ul>						
153.14	153.40	Ground Core						
157.13	159.46	LINDNITTIC FAULT (FZ)						•
·	170.16	HBL\PLAG PORPHYRY (808d5)						
·		<ul> <li>medium grey colour, medium grained, massive, strongly silicified or albitized</li> <li>weak to moderate brecciation primarily of the angular porphyritic material</li> <li>5-10% Plagioclase euhedral phenocrysts up to 4 mm in size</li> <li>1-3% Hornolende phenocrysts up to 5 mm in size</li> <li>3-5% py disseminated and along fracture planes -very fine grained</li> </ul>				,		
			20351 20352 20353 20354 20355 20355	159.65 151.60 162.50 154.00 165.50 157.00	161.00 162.50 164.00 165.50 167.00 168.50	1.35 1.50 1.50 1.50 1.50 1.50	0.13 0.06 0.03 0.03 0.02 0.04	0.5 0.2 0.7 0.4 0.6 0.2
157.20	170.16	Breccia	20357	165.50	169.50	1.00	0.07	1.3
170.16	183.92	COARSE ASH TUFF \ ALTERED HBL\PLAG PORPHYRY (2\86863)	20358	169.50	170.16	0.66	0.01	0.2
		<ul> <li>medium grey colour, massive, medium coarse grained, silicic with sections of weak albite alteration</li> <li>8-10% Feldspar phenocrysts/shards up to 1 mm in size, subhedrai</li> <li>2-3% Hornblende phenocrysts up to 1 mm in size</li> <li>2-3% py fine grained, disseminated and within fractures</li> <li>Tr Chlorite and MnO along fractures</li> <li>Tr-1% Guartz-Carbonate micro-fracture fillings</li> <li>some bleaching of the core around the fractures</li> </ul>						
			20359 20360	170.16 171.50	171.50 173.00	1,34 1,50 HTLF	0.06 0.15 <b>8: MC91</b>	0.5 0.5

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# BOND GOLD CANADA INC.

HOLE - PAGE # 6 of 14

From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTK	Au g_ton	Ag g_ton
			20361	173.00	174.50	1.50	0.05	<b>v.</b> 5
			20362	174.50	176.00	1.50	0.04	0,4
			20363	176.00	177.50	1.50	0.08	0.7
			20364	177.50	179.00	1.50	0.04	0.2
			20365	179.00	186.50	1.50	0.05	0.2
			20366	180.50	182.00	1.50	0.07	0.6
			20367	182.00	183.00	1.00	0.11	9.2
183.92	185.25	FAULT ZONE (FZ)	20368	183.00	183.92	0.92	0.10	0.8
		- angular porphyry fragments in a Quartz-Carbonate matrix						
			20369	183.92	185.25	1.33	0.05	1.8
185.25	192.52	Altered HBL \ Plag Porphyry (867d3)						
		<ul> <li>medium grey-green colour, massive, porphyritic, medium grained with sections that are very fine grained</li> <li>strongly silicified</li> <li>3% py and po disseminated</li> <li>3% Apatite? veins up to 3 cm in width as fracture fillings</li> <li>3% Guartz-Carbonate fracture fillings - cut Apatite Veins</li> </ul>		·				
			20370	185.25	186.50	1.25	0.05	1.2
			20371	186.50	138.00	1.50	0.05	0.3
			20 <b>3</b> 72	188.00	1 <b>89.5</b> 0	1.50	0.07	0.8
190,00	192.52	Apatite Veins up to 3 cm in width	20373	189.50	191.00	1.50	0.11	1.0
192.52	201.05	ANDERITE DIVE \ SILL (1167-1)	20374	191.00	192.52	1.52	0.01	0.5
	201.00							
		<ul> <li>medium green colour, fine grained, massive, weakly porphyritic</li> <li>3% Quartz-Cartonate fracture fillings</li> <li>Chloritized with Tr py and po disseminated and within fractures</li> <li>LCT - 49*</li> <li>LCT - 35*</li> </ul>						
			20775	197.57	194.00	1.48	0.01	0.5
			20375	194.00	195.50	1.50	0.02	1.6
			20377	195.50	197.00	1.50	0.02	3.5
			20378	197.00	198.50	1.50	0.01	3.2
			20379	178.50	200.00	1.50	0.03	1.9
			20 <b>38</b> 0	200.00	201.05	1.05	0.02	1.2
201.05	204.26	ALTERED PORPHYRY (867m6)						
(		<ul> <li>medium green colour, fine grained, silicic ground mass with feldspar phenocrysts up to 1.5 mm in size commonly sausseritized</li> <li>up to 5% py fine grained disseminated within fractures and as cubes up to 1 mm in size</li> <li>17 co penerally with silica within fracture fillings</li> </ul>						
		- Tr-17 Quartz-Carbonate fracture fillions nenerally up to 1 mm in width and						

if -iA duartz-Larbonate fracture fillings generally up to 1 mm in width an as clots

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# BOIND GOLD CANADA INC. HOLE - PAGE # 7 of 14

FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	Ag g_ton
004.04			20381 20382 20383	201.05 202.00 203.00	202.00 203.00 204.26	0.95 1.00 1.26	0.04 6.08 0.17	0.4 0.6 1.0
207.20	203.00	SERU-MARSIVE SULPHILE SELITON (RS)						
		<ul> <li>brownish green colour, motley looking, massive, fine grained, with numerous fractures up to 1 cm in width</li> <li>10% po</li> <li>7% py</li> <li>8% Sphalerite</li> <li>UCT - 12*</li> </ul>						
		·	20384	204.26	205.66	1.40	<b>0.84</b>	6.0
205.66	206.76	FOOTWALL ALTERATION OF THE SULPHIDE ??						
		<ul> <li>strongly altered rock, Apatite green colour, massive, strongly fractures</li> <li>fractures are infilled with Quartz-Carbonate, chlorite and sulphides</li> <li>up to 8% sulphides disseminated and as stringers = 6% py = 2% po</li> </ul>					• •	
106.00	106.76	- purplish colour possibly due to axinite veins						
.76	207.00	GROUND CORE (98)						
			34702	555 K.		( <del>.</del>	· A #7	7.0
207.00	220.74	HBL \ PLAG PORPHYRY (8FBn3)	20383	203.00	297.00	<del>ب</del> ان و 1	0.43	3.0
		<ul> <li>medium grey colour massive, porphyritic, moderate to strongly altered</li> <li>up to 3% py and po in fractures and disseminated</li> <li>8-10% Feldspar phenocrysts up to 2 mm in size, euhedral</li> <li>3% Hornblende phenocrysts up to 1 mm in size, euhedral, altered to chlorite</li> <li>Tr Guartz-Carbonate fracture fillings at all angles to the core axis</li> </ul>					•	
207.09	209.50	Intensely Porpnyritic - Feldspar phenocrysts to 5 mm, green colour alteration	20 <b>386</b>	207.00	208.50	1.50	0.06	1.2
205.00	208.12	Ground Core						
			20387 20388 20387 20370 20370 20371 20372 20373 20373	208.50 210.00 211.50 213.00 214.50 216.00 217.50 219.00	210.00 211.50 213.00 214.50 216.00 217.50 219.00 220.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.66 0.03 0.03 0.03 0.03 0.05 0.05 0.05	0.7 0.6 0.8 0.7 0.6 0.7 0.6
220.74	255.88	HEL \ PLAG PORPHYRY (SONGROS)	20395	220.00	720.74	Q.74	v <b>.</b> 03	0.7
		<ul> <li>medium grey brown colour, fine grained ground cass, comphyritic, weakly</li> <li>brecciated, cassive, hard</li> <li>5-8% Flagicolase eubedral phenocrysts up to 2 mm in size</li> <li>up to 2% Hornblende phenocrysts up to 2 mm in size, commonly altered to po</li> <li>7% ny disseminated when and along fractures</li> </ul>						•

HOLE #: HC91-64

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From	75	DESCRIPTION	Sample	FROM	TO	WIDTH -	Au g_ton	Ac g_ton
	**	- 2% po disseminated and along fractures						
			20396	720 74	222.00	1.76	6 6 <b>7</b>	6.4
			20070	222 00	277 W	: 50	6.08	0.6
		•	20398	223.50	775.00	1.50	á.17	0.5
			20399	225.00	226.30	1.00	0.09	0.7
			20406	226.00	227.60	1.00	0.01	0.3
227.00	227.59	Argillic Alteration	20100				••••	
		- Quartz clots and fragments within an argillite matrix - 5% pý and po disseminated						
			20401	227.00	228.00	1.00	ú.10	<b>0.7</b>
22 <u>9</u> 17	000 70	Arnillic altoration	20402	CO2 00	CF 900	: 30	0 A <b>5</b>	0.5
22010/	227.32	- similar to 227 to 227.59 with po vein of 20 cm	10491	110.00	11),01	1.04	0.00	V12
			20463	729.32	230.50	1.18	0.13	ú.5
			20404	230.59	237.00	1.50	0.09	5.5
			20405	232.00	233.50	1.50	0.10	0.3
			20406	233.50	735.00	1.50	0.08	Ú.5
-			70407	235.00	236.50	1.50	0.05	0.3
			20408	235.50	238.00	1.50	ú <b>.09</b>	0.7
239.00	243.00	5% Hornblende phenocrysts, euhedral, altered to chlorite	20409	238.00	239.50	1.50	0.05	0.6
			20410	239.50	241.00	1.50	0.66	1.0
		· ·	20411	241.09	<b>242.5</b> 0	1.50	0.07	<b>0.</b> 3
243.00	255.83	Mottled ionking - norphyritic texture is completely phliterated	20412	242.50	244.00	1.50	0.07	<b>0.6</b>
	200700		20413	244.00	245.50	1.50	0.05	0.7
			70414	745.50	247.00	1.50	0.16	ó <b>.</b> 5
			20415	247.00	248.50	1.50	0.04	6.5
			20416	248.50	250.00	1.50	0.06	0.6
			20417	250.00	251.50	1.50	0.04	0.7
			20418	251.50	253.00	1.50	0.04	0.5
			20419	253.00	254.50	1.50	0,07	0.5
			20420	254.50	255.88	1.38	6.09	0.3
255 <b>.88</b>	260.08	BREDCIA (BX)						
		<ul> <li>medium grey matrix supported breccia with up to 2% py and po within the matrix, fragments and along fractures</li> </ul>						
		<ul> <li>Fragments are subrounded, up to 20 cm in length, composed primarily of porphyry material with some tuffaceous and argillaceous fragments</li> <li>fractures within the fragments are commonly coated with py</li> </ul>						
			20471	255.89	257.00	1.17	0,01	0.7
		•	20422	257.00	253.50	1.50	0.05	0,3
~ `	•		20423	258.50	260.0R	1.58	0.10	i.0
	265.91	HBL \ PLAG PORPHYRY (8FD6=3)	2. v 3 2 V					
		- medium prees proving and a charge grained, massive, spatty magnetism						

- 15% Feldspar euhedral phenocrysts up to 3 am in size
 - up to 5% Hornblende phenocrysts up to 3 mm in size altered to chlorite and

BOIND GOLD	CANADA	INC.
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### HOLE - PAGE # 9. of 14

FROM	TO	DESCRIPTION	SAMPLE.	FROM	TO	KIDTH	fu g_ton	Ag g_ton
	•	or po						
		<ul> <li>alteration is moderate, obliterating textures in some areas</li> </ul>						
		- 1 5% mu discominated and along fractures						
		- 1.5% co disseminated and along fractures						
		- Tr Quartz-Carbonate micro-fracture fillings						
			20424	260.08	261.50	1.42	6.01	1.0
			20425	261.50	263.00	1.50	0.01	0.6
•			20426	263.00	264.50	1.50	0.01	0.7
265.91	267.79		20427	264.50	265.91	1.41	0.02	) <b>.</b> S
<b>40</b> 5+71	20/ . 37	SHELLIN (DA UNDRE)						
		<ul> <li>medium green colour, very fine grained matrix and fragments</li> <li>almost fragment supported.</li> </ul>						
		- Frankents are annular to sub annular						
		- composition primarily altered porphyry and tuff						
		- Matrix is argillaceous \ chloritic						
		- 1-2% py disseminated along fractures				•		
		- 1 po disseminated along fractures						
		- Tr Quartz-Carbonate micro-fracture filling						
			20428	265.91	267.39	1.48	0.02	0.7
267.39	269.90	HBL \ PLAG PORPHYRY (GFD6m3)						
		- similar to 260.08 to 265.91						
		- up to 2% hornblende phenocrysts						
			20429	267.39	268.50	1.11	0.01	1.0
			<b>2043</b> 0	268 <b>.5</b> 0	269.90	1.40	9 <b>,05</b>	1.1
269.90	273.00	BREDCIA (BX AD6m1)						
		- medium green grey colour, medium to fine grained matrix, angular to						
		subrounded fragments, matrix supported						
		- alteration is primarily albitization and chlorite						
		<ul> <li>Fragment composition is primarily porphyry, argililite and tury</li> <li>Tr Quarty-Carbonate fracture filling</li> </ul>						
		- un to 12 on and on disseminated						
			20431	269 <b>.9</b> 0	270.50	0.60	1.03	1.2
		·	20432	270.50	272.00	1.50	0.10	0.8
			20433	272.00	273.00	1.00	0.03	0.7
273.00	275.35	HBL, \ PLAG PORPHYRY (BABI(5)						
		- medium green colour, fine grained, massive, with few remnant textures						
		- 3% chiorite along fracture surfaces						
~ · ·		- 3-5% py and po disseminated						
			MARA	777 64	774 00	1 00	0 <b>08</b>	7.7
275.35	275.35	FAULT ZONE (FZ)	20303	2:0:00	£/7.W/	7.04	V:VD	
		- rounded fragments in a gouge matrix						

- LCT - 48\* UCT - 55\*

### HOLE #: MC91-64

# BOND GOLD CANADA INC.

HOLE - PAGE # 10 of 14

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO .	WIDTH	Au g_ton	4g g_ton
				574 AA	075 45	( )Z	A 44	2.5
275.45	307.00	HBL \ PLAG PORPHYRY (BOF6a3)	20400	2/4.00	Z/3.43	1.40	0.11	4.1
		- medium buff brown colour, fine grained, porphyritic, massive, spotty		•				
		magnetism		•				
		- primary alteration - aloite and sericite						
		- Jow relusper presiderysts up to 4 mm in Size, euneural, community						
		- Tr-1% Hornhlende chenocrysts up to 2 am in size, often altered to chlorite						
		- 3% py and po disseminated and along fractures	•				·	
		- Tr-0.5% Quartz-Carbonate micro-fracture fillings						
		- Tr Sphalerite primarily within Guartz-Carbonate veins						
		•	20434	575 AS	274 50	1 05	0.62	1 A
			20430	276.50	278.00	1.50	6.01	0.1
		· · ·	20438	278.00	279.50	1.50	0.01	0.4
			20439	279.50	281.00	1.50	0.01	0.5
			20440	281.00	282.50	1.50	0.01	0.6
			20441	282.50	284.00	1.50	0.01	0.7
			20442	284.00	285.50	1.50	0.02	0.7
			20443	285.50	287.00	1.50	0.01	0.4
			20444	287.00	288.50	1.50	0.03	0.5
			20445	288.50	290.00	1.50	0.02	0.7
			20446	290.00	291.50	1.50	0.01	0.4
			20447	291.50	293.00	1.50	0.31	0.4
			20448	243.00	294.00	1.50	0.10	V.4 A 5
			20447 20450	274.3V 751 AA	270.VV	1,50	0.03	0.0 A A
			20430	275.00	297.00	1.00	0,03	6.2
			20452	299.00	300.50	1.50	0.08	0.2
			20453	300.50	302.00	1.50	0.20	0.2
		<b>、</b>	20454	302.00	303.50	1.50	0,44	0.6
			20455	303.50	3 <b>05.</b> 00	1.50	0.25	0.4
			20 <b>456</b>	305.00	306.00	1.00	0.50	0.4
			20 <b>457</b>	306.00	307.00	1.00	1.93	0.7
307.00	308.22	SULPHIDE BRECCIA (BI)					- ·	
		<ul> <li>angular silicified porphyry fragments in a coarse grained pyrite and chloritic matrix</li> </ul>						
		- up to 15% py predominantly within the matrix and within fragments - 1% Sphalerite within the matrix						
		· · ·	20 <b>45</b> 8	307.90	308.22	1.27	8.73	3.1
308.22	717 00	HER ) PLAC DISDUNDY (N7) SETAL)	20,000	******		- 1		•••

### medium green colour, coarse grained, massive, strongly altered with few remnant textures, spotty magnetism

- alteration is primarily sericite
- 5% coarse pyrite within fractures and disseminated

- 1% po within fractures

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iond g		anada inc.	HOLE -	PAGE # 11 of 14			•			
FROM	TO	DESCRIPTION			SAMPLE	From	TO	WIDTH	Au g_ton	θç p_ton
		······								
					20 <b>459</b> 20460 20461	308.22 309.50 311.00	309.50 311.00 312.00	1.28 1.50 1.60	14.59 4.44 1.05	2.7 2.0 6.3
	~~~~				20462	312.00	313,00	1.00	0.27	<b>0.5</b>
313.00	513.55	FAULT ZUNE (FZ)								
		- Ground core within a chloritic	: matrix							
313.33	316.45	K-ALTERED HBL \ PLAG PORPHYRY (I	BAK6k6)							
		<ul> <li>reddish mauve colour, medium (</li> <li>3-5% py disseminated</li> <li>1-2% po disseminated and along</li> <li>3-5% Hornblende phenocrysts al</li> <li>8% Plagioclase phenocrysts up</li> <li>3% Chlorite along fractures and</li> </ul>	grained, massive g fractures itered to chlori to 2 mm in size nd as an alterat	e ite and or po e eunedral shade, sausseriti tion product of the Hornblen	zeci ie				·	
		•		•	20463 20464	313.00 314.00	314.00 315.00	1.00 1.00	(.67 ).22	3.1 2.2
66	316,45	Broken\Fractured Core along the	COFE axis		20465	315.00	316.45	1.45	0.11	1.4
316.45	321.52	HBL \ PLAG PORPHYRY (BAH7010)								
		<ul> <li>dark green colour, medium grat</li> <li>8% pc disseminated and along t</li> <li>2% py disseminated</li> <li>Tr-1% chalcopyrite disseminate</li> <li>Tr schalerite within the Guard</li> </ul>	ined, massive, m fractures formin ed, intermixed w tz-Carbonate vej	magnetic, hard ng veins with the po iniets					,	
					70444	516.45	318.00	. <b>.</b>	ñ 55	6.3
					20467	318.00	319.50	1.50	0.04	0.Z
					20468 20469	319.50 320 50	320 <b>.5</b> 0 321 52	1.00 : 67	9.23 25 AG	1.0 7.6
321.52	326.35	ALTERED HBL \ PLAS PORPHYRY (8F6	38d5)		2018)	020800		11/2	20100	510
		<ul> <li>medium green colour, medium gr appearance in places</li> <li>alteration is primarily serici</li> <li>up to 2% py disseminated and a</li> </ul>	rained, massive, ite + - apatite as stringers	. strongly altered, mottled					,	
		<ul> <li>up to 3% po disseminated and a</li> <li>Tr Sphalerite disseminated and</li> </ul>	as stringers 8 as stringers							
	323.70	Numerous Quartz-Carbonate Fractu	ure Fillings		20470	321.52	323.00	1.48	. 0.46	<b>%.2</b>
<u></u>		e:::::::::::::::::::::::::::::::::::::	-			737 W.	77# =^	: =:	5 P4	÷.,
4 · · 4	.28.00				20472 20473	323.00 324.50 325.50	32 <b>4.3</b> 0 325 <b>.</b> 50 326 <b>.</b> 50	1.00 1.00	0.21 0.33 0.47	2.1 - 4.0 1.1

### HOLE 1: HC91-64

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327.35 327.50 FAULT ZONE (FZ)

i From	TO	NECEDITION .	sampi f	FROM	TO	HIDTH	<u>4.</u>	<u>án</u>
	10					*12 ***	g_ton	o_ton
			20474	326.50	327.50	1.%	3.49	2.7
<b>327.50</b> .	336.35	BREDCIATED ASH TUFF (BX\IAT\16705)						
		<ul> <li>medium to dark grey colour very fine grained, brecciated tuffaceous in fine grained matrix</li> </ul>	a					
		- 2% py disseminated and within fractures - 3% po disseminated and within fractures						
		- 1% Quartz-Carbonate micro-fracture vein filling						
		<ul> <li>1% aparite - green veins up to 1 cm in width</li> <li>The Calibration discontinued</li> </ul>						
		- ir opnalerite disseminated	30475	777 56	770	( E.)	A 45	0.7
			20473	327.30	730 50	1.50	0.87	0.9
			20 <b>470</b> 20 <b>47</b> 7	330.50	332.00	1.50	4.70	1.9
			20478	332.00	333.50	1.50	0.87	1.3
			20479	333.50	335.00	1.50	0.37	0.6
			20480	335.00	336.35	1.35	0.03	6.5
336.35	362.47	INTERCALATED ARGILLITE AND TUFF (IAT\1308mB)						
		<ul> <li>medium to dark grey black colour fine grained fragments in a lighter c matrix to massive sections with moderate foliation that varies from al core axis to steep</li> </ul>	clour ong the					
		<ul> <li>5-34 py as coarse cubes to 2 mm in size and along fractures</li> <li>5% po along fractures and disseminated</li> <li>Tr Guartz-Carbonate veins as fracture fillings</li> </ul>						
			20481	334.35	337.50	1.15	0.04	0.7
			20482	337.50	337.00	1.50	0.03	0.3
740 54	745 27	Second a	70407	770 .00	780 50	: 5A	. 6. 6 <b>5</b>	6.5
070-10	090,00	- silica rich matrix with angular argillic fragments up to 2 cm in size - 20% fragments	20403	337 i W		i rulv	0,00	0.0
			20 <b>484</b>	340,50	342.00	1.50	0.22	0.2
342.45	343.00	Breccia						
		- 51m11ar to 340.20 to 340.03					•	
			20485	347.90	343.50	1.50	0.28	6.2
			20486	343.50	345.00	1.50	0.32	0.4
			20487	345.00	346.50	1.50	1.02	0.7
			20468	346.50	348.00	1.50	0.60	0.6
			20489	348.00	349.50	1.50	0.27	0.4
			<b>2049</b> 0	349.50	351.00	1.50	0 <b>.18</b>	0.5
			20451	351.00	352.50	1.50	0.32	0.5
			20492	352.50	354.00	1.50	0.16	<b>0.</b> 7
			20493	354.00	355.50	1.5)	0.26	0.2
			20494	355.50	357.00	1.50	0.10	0.3
			20495	357.00	358.50	1.50	0.02	0.8
			20496	358.50	360.00	1.50	0.01	0.6
			, 2049/	360.00	361.30	1.30	0.03	, V.Z
			20498	361.30	35Z.4/	Q.Y/	0.04	V.2

362.47 365.40 FINE GRAINED BEDDED ASH TUFF(IAT\164d4)

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	TO	DESCRIPTION	SAMPLE	Fron	TO	HIDIK	Au g_ton	Aç g_ton
		<ul> <li>medium grey colour very fine grained, bedded, hard</li> <li>some of the bands exhibit slump features</li> <li>3% po along fractures</li> </ul>						
		<ul> <li>1% py along fractures</li> <li>Tr Guartz-Carbonate micro-fracture fillings</li> <li>bedding = 55*</li> </ul>						
		·	20499	362.47	364.00	1.53	0.11	0.4
		· · · ·	20500	364.00	365.40	1.40	0.12	6 <b>.2</b>
65.40	374.75	HBL \ PLAG PORPHYRY (GFBw2)						
		<ul> <li>light green colour, medium coarse grained, massive, moderate to strong alteration</li> </ul>						
		- Alteration is primarily sericite						
		<ul> <li>1-2% Perdspar ennedral prendcrysts up to 1 mm in Size</li> <li>1-2% py and po disseminated</li> <li>Tr Quartz-Carbonate veins</li> </ul>						
45.40	747 97	Contact Tone	20501	365.40	366.50	1.19	<b>).85</b>	0.9
~	00/1/2	<ul> <li>very silicic, mottled appearance, massive with porphyritic sections</li> <li>up to 3% po and py in fractures</li> <li>Chlorite on fracture planes</li> </ul>						
			20502	366.50	368.00	1.50	0.28	0.5
			20503	368.00	369.50	1.50	0.06	0.7
			20504	369.50	371.00	1.50	0.38	1.(
			20505	371.00	372.50	1.50	0.16	0.4
			20006	372.50	- 374.00 - 374.75	0.75	0.10	0.5
74.75	382.75	BREDCIA (BX\866m6)	20007	0/1100	0, 11, 10			
		<ul> <li>medium grey colour, primarily porphyry fragments up to 10 cm in size in a matrix of similar composition that ranges from fine to medium grained.</li> <li>The fragments are matrix supported</li> </ul>						
		<ul> <li>5% py disseminated and along fractures in fragments and disseminated within the satria</li> </ul>						
·		- 10% fragments are tuffaceous						
			10508	374.75	376.00	1.25	0.28	0.4
			20507	376.00	377.50	1.50	2.09	1.2
			20510	3/7.50 770 AA	3/7.WG 736 50	1.30	0.70	1.
			20512	380.50	382.00	1.50	0.42	1.1

- light grey colour, very fine grained, well bedded, with small scale slump  $\hfill \hfill \$ 

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- 2% by + Tr po disseminated

- some bands of lime green colour mineral - Apatite

- Tr Chlorite along fractures

From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
	-	- 3N 40°						
			20514	382.75	384.00	1.25	0.48	1.2
			20515	384.00	385.50	1.50	0,35	2.8
			20516	385.50	386.50	1.00	0.37	1.0
		· · ·	20517	386.50	387.35	0.85	0,51	1.1
387.35	391.10	HBL \ PLAG PORPHYRY (8F6k3)						
		- light green to buff colour, fine grained ground mass with plagioclase						
		phenocrysts up to 6 mm. in size						
		- 2% py disseminated						
		<ul> <li>1% po disseminated and as an alteration product of the normolende phenocrysts</li> </ul>						
			20518	387.35	388.50	1.15	0.16	5.8
			20519	388.50	390.00	1.50	0.07	0.4
			20520	390.00	391.10	1.10	0.46	ú.4
391.10	395.10	FINE GRAINED ASH TUFF (IAT\167m1)						
		<ul> <li>very fine grained, light grey colour, massive to weakly bedded</li> <li>similar to 382.75 to 387.35</li> </ul>						
			20521	791 10	797 50	1.40	6 31	1.6
			20522	392.50	394.00	1.50	0.19	0.5
			20523	394.00	395.10	1.10	0.16	1.1
395.10	404.77	HBL \ PLAG PORPHYRY (8F6k3)						
		- similar to 387.35 to 395.10						
			20524	705 16	701 FA	1 40	Δ 11	0.7
			20029	373.10 704 50	399.00	1,50	0.11	0.7
			20525	378.00	399.50	1.50	0.17	0.8 0.8
			20527	399.50	401.00	1.50	0.10	0.7
			20528	401.00	402.50	1.50	0.02	0.8
403.54	403.60	Fault						
		- gouge with ground porphyry fragments						
			70 <b>570</b>	467 50	404 00	1.50	0.37	ΛØ
			20027	774107	707.00	1100	V	0
			20570	404 00	101 <b>7</b> 7	0.77	0 1A	6 A

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30ND G		ANADA	INC.	DI	amond Drill Hole	Report					•	Page	ŧ1 o	f 3		_
HOLE NO. PROPERTY LOCATION LLOCATION LLOCATION LLOCATION LLOCATION TARGET STARTED FINISHED SECTION COMMENTS	NC71-6: RED NOU MARC ZI ORO 1 Aug 23, Aug 28,	5 NTAIN NE 1991 1991	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	050 -240 2010 G.MacMillan BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL NO. FOREMAN	90 360 90 -79 439.52 FALCON 1000/1 K.Hillen	Depth 111.3 285.0 439.6	Dip - 79 - 78 - 78	Azimuth 085 -067 091	Test Sper Sper Sper	Depth Dip 182.9 365.8	Azimutn - 76 05 - 78 09	Test 7 SPER 5 SPER			
FROM	TG		DESC	RIPTION						SAMPLE	FROM	70	KIDTH	Au g_ton	Ag g_ton	_
SUMMARY	!	·								-						
0.00	1.52	CASING														
i. <b>5</b> 2	9.63	HBL \ P	Lag porphyry	(817a1)												
9.63	18.45	HBL \ P	lag porphyry	(86611)												
( 18.45	19.44	Fault (1	FZ)													•
19.44	27.22	HBL \ PI	lag porphyry	(843e1)												
27.27	32 <b>.8</b> 5	ARGILLI	: \ Chlorite	ALTERED HBL \	Plag Porphyry (	90A7m1)						·				
32.85	33 <b>.8</b> 0	ANDESIT	E DIKE (11 <b>a</b> 0	)												
33.80	39.89	ARGILLI	C \ Chlorite	ALTERED HBL \	Plag purphyry (	80A7m1)								s		
39 <b>.8</b> 7	44.42	COARSE	ish tuff (26	6k1)												
44.42	48.00	HBL \ PI	.ag porphyry	(8FA7a1)		·										
48.00	<b>58.2</b> 1	COARSE (	ish tuff (24	3mi)												
<b>58.</b> 21	62 <b>.4</b> 0	HBL \ PI	.ag porphyry	(8F99a)										•		
62.40	69.75	CHLORITI	e altered HB	l \ Plag Porph	NRY (8467m2)											
69.75	76.15	HBL \ PI	.ag porphyry	(869m1)												
76.15	87.44	BRECCIA	(BX)													
B7.44	105.16	COARSE	ish tuff (24	Ad1)												
105.16	10 <b>8.2</b> 0	BRECCIA	\ Fault zon	E (Bx\FZ)												
108.20	136.00	SILICIF	ied and chlo	RITIZED HBL V	plag porphyry (9	GA7 <b>a</b> 6)										

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SOND GOLD CANADA INC.

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C	FROM	TC	JESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	₽ą <u>c_</u> ton
	136.00	149.51	Chloritized and silicified HBL \ Plas Porphyry	( (9467t8)						
. 1	149.51	150.00	Ground core \ Fault zone (#1\FZ)							
1	150.00	151.14	407. GUARTZ-CARGONATE VEINS \ ALTERED PORPHYRY	(9//84842)						
1	151.14	191.38	HBL \ PLAG PORPHYRY (8N67t5)							
1	154.20	156.00	Ground Core							
1	181.39	216 <b>.68</b>	MINERALIZED ZONE \ HANGING WALL\ ALTERED PORPH	NRY (HZ\868t8)						
2	216.68	221.67	BRECCIA (NZ\BX\1\888d10)							
2	221.67	270.28	MINERALIZED ZONE - ALTERED PORPHYRY (NZ\8F9819	7)						
2	270 <b>.28</b>	270.75	NASSIVE SULPHIDE (NS)							
:	270.75	271.00	FAULT ZONE: (FZ)							
£	,00	286.04	VERY SILICEOUS ROCK \ HBL \ PLAG PORPHYRY (NZ)	968d10)						
2	298.04	303.00	NINERALIZED ZONE \ HBL \ PLAG PORPHYRY (NZ\866	<b>b</b> 10}						
•	\$03.00	331.68	NINERALIZED ZONE \ SILICIFIED PORPHYRY (NZ\866	<b>HB</b> )						
	31.68	381.07	HBL \ PLAG PORPHYRY \ MINERALIZED ZONE (NZ\867	(d8)						
	\$81.07	386.86	SILICIFIED BRECCIA (BX6808)						: •	
	586.86	400.25	HBL \ PLAG PORPHYRY (BA3d5)							
4	100.25	419.75	SILICIFIED FRACTURE ZONE (BX\C2\888m5)							•
4	19.75	439.52	Altered Holvplag Porphyry (949885)							
ļ	39.52	439.52	Е.О.Н.							
			· · ·					:		

### SOND GOLD CANADA INC.

#### HOLE -PAGE # 3 of 15

FROM	TO	DESCRIPTION	SAMPLE	From .	TO	WIDTH	Au g_ton	Ag g_ton	
 0.00	1.52 CASING								

#### 1.52 9.63 HOL \ PLAG PORPHYRY (ST7a1)

- medium grey colour, coarse grained, massive, porphyritic
- core is strongly oxidized along fractures and very blocky
- 10 15% hornblende euhedral phenocrysts altered to chlorite
- Tr Mangenite on fracture surfaces
- Tr-1% py generally along fracture planes

#### 9.63 18.45 HEL \ PLAG PORPHYRY (86611)

- medium oreen oney colour, medium orained, massive with porphyritic sections of feldspar up to 30 cm in length, very hard
- 3% plagiociase phenocrysts up to 2 mm in size, euhedral shape
- 2-3% Limonite and Mangenite along fracture surfaces
- Tr Guartz-Carbonate micro-fracture fillinos
- Tr-0.5% py and po along fracture surfaces

#### 18.45 19.44 FAULT (FZ)

- blocky pround with liminite stairing

#### 19.44 27.22 HEL \ PLAG PURPHYRY (BA3mi)

- medium grey colour, medium to coarse grained, massive in appearance, hard
- 8% Felcspar euhedral phenocrysts and shards up to 1 mm in size
- up to 3% Hornblende phenocrysts altered to chlorite, euhedral shape. Zmm in SIZE
- 1% Quartz-Carbonate fracture and micro-fracture filling
- Tr-1% Limonite along fracture planes
- Tr-1% py and po within fractures

#### 27.27 32.85 ARGILLIC \ CHLORITE ALTERED HEL \ PLAG PORPHYRY (90A7m1)

- medium dark grey colour, coarse grained, massive, weakly porphyritic
- Tr py and bo along micro-fractures
- 3-5% Feidspar shards\phenocrysts. angular
- Tr Chlorite altered hornblende
- Tr Limonite along fractures

#### 32.85 33,80 ANDESITE DIKE (11AB)

- sedium preen colour, massive, corphyritic with limonitic and mangenite staining along fractures
- 3-5% Feldspar phenocrysts up to 1 mm in size, euhedral habit

# 39.89 ARGILLIC \ CHLORITE ALTERED HBL \ PLAG PORPHYRY (80A7m1)

- similar to 17.27 to 32.85

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
39.89	44.42	COARSE ASH TUFF (266k1)						
		<ul> <li>medium grey colour, coarse grained, well banded or bedded</li> <li>upper and lower contacts are brecciated, and weakly porphyritic</li> <li>Tr po along fracture surfaces</li> <li>Banding is irregular and wispy in appearance</li> </ul>						
AA 47	49 00	- BN - 67*						
77.72	40.VV	HOL ( FLHO FUNFHINT (OFH/AL)						
		<ul> <li>medium green colour, massive, porphyritic, moderate to strongly altered, hard</li> </ul>						
		<ul> <li>- 6% feldspar phenocrysts up to 3 mm in size, euhedral habit</li> <li>- 3-5% Hornblende phenocrysts up to 3 mm in size with a euhedral appearance and commonly altered to chlorite</li> </ul>						
		<ul> <li>If Limonite along tracture planes</li> <li>Tr py and po disseminated and along fracture planes</li> </ul>						
46.80	43.00	-strong Chlorite alteration of the Hornblende phenocrysts						
£7.24	47.50	Fault						
		- ground core with limonite alteration						
48.00	58.21	COARSE ASH TUFF (2A3m1)						
		<ul> <li>medium green grey colour, medium grained, massive, spotty magnetism, gritty feel</li> </ul>						
		- 5-6% feldspar shards\phenocrysts up to 1 mm in size - 2-3% Hornblende phenocrysts up to 1 mm in size						
		<ul> <li>Tr Quartz-Carbonate fracture fillings</li> <li>Tr-1% Chlorite as an alteration product of the Hornblende and along fractures</li> <li>Tr linchite on fracture planes</li> </ul>						
54,71	54 <b>.8</b> 0	Breccia - Chlorite rich matrix with coarse ash tuff fragments						
55.11	5.18	Breccia - Chiorite rich matrix with coarse ash tuff fragments						
56.13	56.30	Breccia - Chlorite rich matrix with coarse ash tuff fragments						
57.60	58.21	Breccia - Chlorite rich matrix with coarse ash tuff fragments						
		- IOWER CONTACT						

- medium green colour, medium grained, massive, porphyritic with spotty magnetism
- cominant alteration is sericite and silica strong

-

From	70	LESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	Họ g_tcn
		<ul> <li>remnant porphyritic texture in a few sections</li> <li>3-5% Feldspar ewhedral phenocrysts up to 2 mm in size</li> <li>1% Hornblende phenocrysts up to 1 mm in size pseudomorphed to Chlorite</li> <li>Tr Quartz-Carbonate veins</li> <li>Tr py an d po disseminated</li> </ul>	.e					
52.40	69.75	Chlorite Altered HBL \ Plag Porphyry (8A6752)						
		<ul> <li>dark grey to black colour, fine grained, mottled looking with chlorite altered sections</li> <li>unaltered sections demonstrate the characteristic porphyritic texture of the HBL\PLAG Porphyry</li> <li>2% py and po in fractures and disseminated - in close association with the chlorite alteration</li> </ul>						
53.48	63.53	Po Massive Sulphide Vein	20601	62.40	63.53	1.13	0.16	1.4
			20602 20603 20604 20605	63.53 65.00 66.50 68.00	55.00 66.50 68.00 69.75	1.47 1.50 1.50 1.75	0.14 0.11 0.15 0.14	1.1 0.7 0.6 0.4
<b>/5</b>	76.15	HBL \ PLAG PORPHYRY (BSGm1)						
		<ul> <li>medium grained, massive, weakly porphyritic, spotty magnetism, siliceous</li> <li>3-4% Plagioclase euhedral phenocrysts up to 2 mm in size commonly sausseritized</li> <li>Tr Guartz-Carbonate fracture filling</li> <li>Tr po primarily along fractures</li> <li>Tr Chlorite as an alteration along fractures</li> </ul>		•				
6.15	87.44	BRECCIA(BX)					۰ ۱	
		<ul> <li>medium grey colour, matrix supported, subangular clasts up to 5 cz in size of varying composition</li> <li>10% Clasts of Argillite, Tuff and Porphyry</li> <li>primary component of the matrix is Chlorite</li> <li>Tr Buartz-Carbonate Veins as fracture fillings</li> <li>Tr limónite on fractures</li> <li>1-2% py along fractures and disseminated within the matrix</li> <li>up to 1% po along fractures and disseminated within the matrix</li> <li>Tr Sphalerite in fractures</li> </ul>						
			20608 20607 20608 20609 20610	76.15 77.50 79.00 80.50 82.00	77.50 79.00 80.50 82.00 83.50	1.35 1.50 1.50 1.50 1.50	0.03 0.03 0.06 0.03 0.01	0.4 0.7 0.3 0.7 0.6
			20611 20612 20613	83.50 85.00 86.50	85.00 86.50 87.44	1.50 1.50 0.94	0.04 0.02 0.05	0.7 . 0.9 5

and the second

87.44 105.16 COARSE ASH TUFF (204d1)

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						x		
ÐG	ם מו	ANADA INC. HOLE - PAGE # 6 of 15						
FROM	TC	DESCRIPTION	SAMPLE	Fron	TO	HIDTH	Au g_ton	Ag c_ton
		<ul> <li>medium grey colour, medium-coarse grained, equigranular, massive, spotty magnetism, hard</li> <li>Tr py and po on fracture surfaces</li> </ul>		· · ·				,
		<ul> <li>1% Chlorite along fractures and as a breccia filling near the lower contact</li> <li>Tr Guartz-Carbonate fracture filling</li> <li>Tr Limonite along fractures</li> </ul>						
		<ul> <li>alteration - weakly chlorite + sericite + silica</li> <li>near the lower contact the Tuff becomes brecciated and silicified</li> </ul>						
05.16	108.20	BRECCIA \ FAULT ZONE (Bx\FZ)			•			
		<ul> <li>the recovered core is strongly chloritized and brecciated with up to 10% sulphides (py and po)within the matrix, moderately silicified</li> <li>rubble sections up to 30 cm long are oxidized on all edges</li> </ul>						
05.16	105.76	Strongly Oxidized						
07 <b>.</b> 27	107.50	Ground Core - strongly oxidized	20614	105.16	106.50	1.34	0.08	0.9
1.90	108.20	Ground Core - strongly oxidized	20615	106.50	108.20	1.70	0 <b>.4</b> 3	0.8
08.20	136.00	SILICIFIED AND CHLORITIZED HEL \ PLAG PORPHYRY (86A7m6)					•	
		<ul> <li>medium grey to buff brown colour, massive, porphyritic, strongly brecciated/fractured, very hard</li> <li>10% Chlorite as matrix/fracture filling</li> <li>strongly silicified and/or albitized</li> <li>6% py and po disseminated within the matrix</li> </ul>		•				
		- Sections up to 10 Cm of semi-massive suiphice - Tr Sphalerite within the matrix - Tr Guartz-Carbonate microfracture fillings					5	
105.20	110,00	Blocky - core lengths of up to 10 cm - strongly brecclated	20616	108.20	109.50	1.30	0.41	2.1
			20617 20618	10 <b>7.5</b> 0 111.00	111.00 112.50	1.50 1.50	0.05 0.28	2.4 1.0
.13.00	115.00	Semi-Massive Sulphide Brezcia Filling	20619	112.50	114.00	1.50	0.11	1.1
		·	20620 20621	114.00 115.50	115.50	1.50	0.08	0.2 1.7
		•	20622	117.00	118,50	1.50	0.04	0.2
- <b>-</b> -			20623	120.00	121.50	1.50	0.02	0.2
23.20	123.60	Ground Core - Fault	20625	121.50	123.00	1.50	9 <b>.06</b>	0.5
			20626 20627	123.00 124.50	124.50 126.00	1.50 1.50	0.04 0.10	1.8 0.5

131.00 I	132.00		20678	·			g_ton	Q_ton
131.00 F	132.00		70678					
131.00 F	132.00		EVOLU	126.00	127.50	1.50	0.05	<b>0.</b> 7
131.00 I	132.00		20629	127.50	129.00	1.50	0.02	0.6
131.00 f	132.00		20630	129.00	130.50	1.50	0.06	0.2
		10% po in the matrix	20631	130.50	132.00	1.50	0.02	0.2
			20632	132.00	133.50	1.50	0.09	0.7
			20633	133.50	135.00	1.50	0.05	0.8
			20634	135.00	136.00	1.00	0.13	0.9
136.00 1	49.51	CHLORITIZED AND SILICIFIED HOL \ PLAG PORPHYRY (846748)						
		<ul> <li>dark grey colour, massive, mottled appearance due to the intensity of the alteration</li> </ul>						. •
		- The chlorite alteration is predominantly along the fractures						
		- 5% po disseminated and within Chloritic fractures	•					
		- 3% py disseminated and within the Chloritic fractures		•				
		- Tr Sphalerite disseminated						
		<ul> <li>14 SUIDDIGE VEIDS UP TO Z CM WIGE</li> <li>TZ-0.5% D artz-Carbonate microfracture fillions</li> </ul>			•			
		n vrom dear er oar bond er mit ronn ar ear e hittinge						
			20635	136.00	137.50	1.50	0.18	0.8
			20636	137.50	137.00	1.50	0.04	0.9
			20637	139.00	140.50	1.50	0.06	0.9
			20638	140.50	142.00	1.50	0.07	2.0
			20639	142.00	143.30	1.50	0.00	1.8
			20040	145.00	143.00	1.50	0.07	0.0
			20642	146.50	148.00	1.50	0.02	0.2
			20643	148.00	147.51	1.51	0.03	0.5
149.51 1	50.00	GROUND CORE \ FAULT ZONE (##\FZ)					1	
150.00 1	51.14	402. QUARTZ-CARBONATE VEINS \ ALTERED PORPHYRY (QV\8A0d3)						
		<ul> <li>- 3-5% sulphides,py and po, within quartz-carbonate fracture filling</li> <li>- pricary fracture direction is along the core axis</li> </ul>						
		STRONY WELLAND DISCLUDY IS GIVING LIKE LUTE BAIS						
		· .	20644	145.51	151.14	1.63	0.12	1.7
151.14 1	81.38	HEL \ PLAG PORPHYRY (BAG7t3)						
		<ul> <li>medium grey colour, medium to coarse grained. massive, chloritic and silicic alteration that tends to obliterate the texture, weakly porphyritic, spotty magnetism</li> </ul>						
		<ul> <li>strong chloritic and silica alteration has obliterated the corphyritic texture - mottled appearance</li> </ul>						
		<ul> <li>the chlorite is generally confined to the fracture surfaces and as a pseudomorph of the hornblende</li> </ul>						
		<ul> <li>E-SX Hornblende remnant phenocrysts pseudomorphed to chlorite and po - euhedral shape</li> </ul>						
•		<ul> <li>2% py generally along fractures and disseminated</li> <li>3% co generally along fractures, disseminated and as submide veins</li> </ul>						

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<b>OND</b>	GOLD	CANADA	INC.
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194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20         194.20<	FROM	TC	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au n tor	θê − ton
134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00         134.00<				•					
134.00         Back00         Back00<				20645	151.14	152.50	1.36	<b>).6</b> 7	i.v
134.20       Factores priarrily along the core axis       154.00       Factores priarrily along the core axis       154.00       155.00       157.00       158.00       0.02       0.02       0.02       0.03         134.06       151.86       Ground Core       2065       157.00       158.00       1.50       0.74       0.55         134.06       151.86       Ground Core       2065       160.00       1.50       0.36       0.62         136.06       167.00       158.00       1.50       0.36       0.62       0.70       128.00       1.50       0.36       0.62         136.06       167.00       159.00       1.50       0.36       0.62       0.75       0.70       1.50       0.36       0.62       0.75         1367.00       167.00       167.00       167.00       167.00       150.00       1.50       0.40       0.75         137.00       174.00       Format Core       2065       167.00       175.00       1.50       0.40       0.75         137.00       174.00       Format Core       2065       175.00       1.50       0.40       0.75         137.00       174.00       Format Core       2065       175.00       175.00       1.50<				20645	152.50	154.00	1.50	0.53	0 <b>.</b> 7
191.00         191.00         100 (0 + cre aris)           101.00         191.00         195.00         1.50         0.60         0.40         0.40           101.00         191.00         195.00         1.50         0.70         0.50         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         0.70         <	154.20	156.00	Ground Core						
2047         195.00         1.50         0.04         0.4           2046         155.00         1.50         1.50         0.02         0.5           2046         155.00         157.00         150         0.02         0.5           2045         157.00         157.00         150         0.44         0.5           2045         165.00         150.00         1.05         0.35         0.4           2045         165.00         150.00         1.05         0.35         0.4           2045         165.00         165.00         1.05         0.35         0.4           2045         165.00         165.00         1.05         0.35         0.4           2045         165.00         165.00         1.05         0.35         0.4           20457         165.00         107.50         1.55         0.30         0.17           165.00         107.50         1.55         0.55         0.16         0.7           171.00         174.00         575.00         175.00         175.00         175.00         1.55         0.15           171.00         174.00         575.00         175.00         175.00         1.55         0.16 </td <td></td> <td></td> <td>- Tractures primarily along the core axis</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			- Tractures primarily along the core axis						
20446         455.55         157.00         1.50         0.02         0.53           20450         155.00         157.00         157.00         157.00         1.50         0.41         0.5           161.06         161.26         600.00         161.50         157.00         1.50         0.74         1.22           161.06         161.26         600.00         161.50         155.00         1.50         0.32         0.32           167.00         167.00         165.00         1.50         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45         0.45				20647	154.00	155.50	1.50	0.04	0.6
20447         157.00         158.50         160.00         1.59         0.41         0.5           161.06         161.56         560.00         155.50         160.00         1.59         0.41         0.5           161.06         161.50         160.00         161.50         160.00         1.50         0.41         0.5           20651         165.00         165.00         165.00         165.00         1.50         0.32         0.7           20652         165.00         165.00         1.50         0.32         0.7           20655         167.00         169.00         1.50         0.32         0.7           20657         167.00         1.50         0.10         0.50         0.7         0.60           20657         167.00         1.50         0.46         0.7         0.150         0.46         0.7           173.00         174.00         57000         1.50         0.46         0.7         0.150         0.46         0.7           173.00         175.00         1.50         0.46         0.7         0.150         0.13         0.7           173.00         175.00         1.50         0.15         0.15         0.16				20648	155.50	157.00	1.50	0.02	0.5
22650         181.50         160.00         1.50         0.41         0.5           161.06         161.50         163.00         161.50         1.50         0.34         1.2           161.06         161.50         163.00         163.00         163.00         1.50         0.35         0.20           167.00         169.20         Po Massive subplide vein         20655         167.00         1.50         0.35         0.42         0.43           167.00         169.20         Po Massive subplide vein         20657         165.00         170.50         1.55         0.16         0.42         0.43           173.00         174.00         Ground Core         20657         165.00         170.50         1.55         0.16         0.47           173.00         174.00         Ground Core         20650         175.50         175.00         1.50         0.46         0.47           173.00         174.00         Ground Core         20660         173.50         175.00         1.50         0.43         0.42           173.00         175.00         175.00         175.00         1.50         0.41         1.7           175.00         175.00         175.00         175.00				20649 -	157.00	158.50	1.50	3.07	<b>0.</b> 9
161.06       161.56       670001 Core       20651       160.00       161.50       1.50       0.34       1.22         20652       161.50       165.00       165.00       1.50       0.32       3.7         20653       160.00       167.00       1.50       0.32       3.7         20655       160.00       167.00       1.50       0.32       3.7         20655       167.00       167.00       1.50       0.32       3.7         20655       167.00       175.00       1.50       0.32       1.32         167.00       167.00       170.50       1.50       0.32       1.32         167.00       170.00       170.50       1.50       0.10       0.9         20657       167.00       170.50       1.50       0.40       0.7         177.00       173.50       1.70       173.50       1.50       0.40       0.7         177.00       173.50       177.00       173.50       1.50       0.40       1.7         20660       177.50       173.50       1.50       0.40       1.7       2066       17.50       1.50       0.46       1.6         20640       175.50       170.00			• • •	20650	158.50	160.00	1.50	0.41	0.5
20652         161.50         165.00         1.50         0.36         0.45           20654         160.00         1.50         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32         0.32	161.06	161.36	Ground Core	20651	160.00	161.50	1.50	0.34	1.2
167.00         167.00         167.00         167.00         167.00         167.00         1.53         0.52         1.57           167.00         167.20         Po Massive sulphide vein         2065         167.00         1.50         0.22         0.57           167.00         167.20         Po Massive sulphide vein         20657         165.00         1.50         0.24         0.5           167.00         167.20         Po Massive sulphide vein         20657         165.00         1.50         0.24         0.7           173.00         .74.00         Ground Care         20657         165.00         1.50         0.46         0.7           173.00         .74.00         Ground Care         166.97         172.00         1.75.00         1.50         0.46         0.7           173.00         .74.00         Ground Care         166.00         175.00         1.50         0.43         0.7           175.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.00         1.75.0				20652	161.50	163.00	i <b>.5</b> 0	0.36	Ŷ.ó
167.00         169.20         Po Massive sulphide vein         2065         166.00         1.50         0.21         1.3           167.00         167.20         Fo Massive sulphide vein         20657         167.00         167.00         1.50         0.24         0.5           167.00         167.00         1.50         0.17         0.30         0.17         0.30           167.00         175.00         1.50         0.16         0.97         0.85         107.50         1.50         0.06         0.7           175.00         174.00         Ground Care         30657         175.00         175.00         1.50         0.04         0.7           175.00         175.00         175.00         1.50         0.04         0.7           175.00         175.00         175.00         1.50         0.04         0.7           181.33         216.68         MMEMULALTED TOR V WEING WILL ALTERD PORYMY (M1488019)         175.00         1.50         0.04         0.7           181.33         216.68         MEMULALTED TOR V WEING WILL ALTERD PORYMY (M1488019)         1.50         0.06         1.7         2065         161.00         1.01         1.1           20640         175.00         1.50         0.04 </td <td></td> <td></td> <td></td> <td>20653</td> <td>163.00</td> <td>164.50</td> <td>1.50</td> <td>0.32</td> <td><b>.</b>.7</td>				20653	163.00	164.50	1.50	0.32	<b>.</b> .7
26455       166.00       157.50       1.50       0.22       0.3         167.00       167.20       Po Massive sulphide vein       20655       167.00       170.00       1.50       0.17       0.3         173.00       .74.00       Ground Dare       20657       166.00       170.50       1.50       0.00       0.7         173.00       .74.00       Ground Dare       166.00       173.50       1.50       0.04       0.7         173.00       .74.00       Ground Dare       166.00       173.50       1.50       0.04       0.7         173.00       .74.00       Ground Dare       166.00       173.50       1.50       0.04       0.7         173.00       .74.00       Ground Dare       166.00       173.50       1.50       0.04       0.7         173.00       .74.00       Ground Dare       166.00       173.50       1.50       0.06       0.7         181.33       216.60       MMEDALIZED ZDE V MAGINE WILL ALTEED POPMARY (M2068040)       1.70       1.60       0.04       1.7         181.33       216.40       MMEDALIZED ZDE V MAGINE WILL ALTEED POPMARY (M2068040)       1.70       1.60       0.64       1.7         181.34       160.50 <t< td=""><td></td><td></td><td>•</td><td>. 20654</td><td>164.50</td><td>166.00</td><td>1.50</td><td>0.31</td><td>1.3</td></t<>			•	. 20654	164.50	166.00	1.50	0.31	1.3
167.00       167.00       167.00       167.00       170.00       1.00       0.17       0.6         173.00       174.00       Ground Core       20657       115.00       175.00       1.50       0.04       0.7         173.00       174.00       Ground Core       20657       115.00       175.00       1.50       0.04       0.7         173.00       174.00       Ground Core       20657       1175.00       175.00       1.50       0.04       0.7         173.00       174.00       Ground Core       20657       1175.00       175.00       1.50       0.04       0.7         173.00       174.00       Ground Core       20657       175.00       1.50       0.04       0.7         175.00       175.00       1.50       0.13       0.13       0.13       0.13       0.13       0.13       0.13       0.13       0.13       0.14       0.15         20661       175.50       175.00       1.50       0.00       0.41       1.7       20661       175.50       1.50       0.00       0.41       1.7         181.33       216.66       HMEDALIZED ZORA \ HANGING MULL ALTERED PORPHYMY (M2066763)       -       -       -       0.00			· · · ·	20655	166.00	167.50	1.50	0.24	0.9
20657       167.00       173.50       1.59       0.19       0.7         173.00       174.00       67.00       173.50       1.50       0.06       0.7         173.00       174.00       67.00       173.50       1.50       0.04       0.3         173.00       174.00       173.50       1.50       0.04       0.3         173.00       173.50       175.00       1.50       0.04       0.3         20660       173.50       175.00       1.50       0.04       0.3         20661       175.00       1.50       0.06       0.5       20661       175.50       1.50       0.06       0.5         20662       175.00       175.00       1.50       0.06       0.5       20661       175.50       1.50       0.04       0.7         20664       177.50       175.00       1.50       0.04       0.7       20651       150.00       0.04       1.7         20653       160.50       181.38       0.88       0.14       0.5       0.44       0.5         181.33       216.49       HMEDALIZED ZONE \ HWEDING MALLA ALTERED PORPHYMY (MX-060163)       -       -       -       0.145       0.5	167.00	169.20	Po Massive sulphide vein	20535	167.30	167.W	1.50	V <b>.</b> 1/	V.8
20657       165,00       170.50       1.59       0.10       0.9         173,00       174.00       Ground Core       10659       172.00       175.00       1.50       0.04       0.5         173,00       174.00       Ground Core       10659       172.00       175.00       1.50       0.04       0.5         173,00       174.00       Ground Core       10659       172.00       175.00       1.50       0.04       0.5         181.38       20660       173.50       1.50       0.13       0.7       1.60       0.66       0.7         181.38       216.60       HIMERALIZED ZONE \ HAMBING MALLY ALTERED PORPHYRY (MX-MODELS)       20661       173.50       170.06       0.68       0.14       0.5         181.38       216.60       HIMERALIZED ZONE \ HAMBING MALLY ALTERED PORPHYRY (MX-MODELS)       20661       173.50       170.06       0.68       0.14       0.5         181.38       216.60       HIMERALIZED ZONE \ HAMBING MALLY ALTERED PORPHYRY (MX-MODELS)       20661       131.38       0.88       0.14       0.5         181.38       216.50       HIMERALIZED ZONE \ HAMBING MALLY ALTERED PORPHYRY (MX-MODELS)       20651       163.50       1.60       0.68       0.14       0.5									
173.00       :74.00       ir.50       0.08       0.7         173.00       :74.00       frash       0.09       0.7         173.00       :74.00       frash       0.04       0.7         173.00       :74.00       frash       0.04       0.7         173.00       :74.00       frash       0.04       0.7         173.00       :73.50       1.50       0.04       0.7         181.33       216.60       HIMERALIZED ZOR \ HANGING MALLA LIBED PORPHARY (MCAGGEGS)       20665       160.50       151.38       0.08       0.14       0.5         181.33       216.60       HIMERALIZED ZOR \ HANGING MALLA LIBED PORPHARY (MCAGGEGS)			· · · ·	20657	169.00	170.50	1.59	0.10	0.9
173.00       174.00       Ground Core       10659       172.00       173.50       1.50       0.04       0.3         173.00       173.50       173.50       1.50       0.13       0.7         20660       173.50       175.00       1.50       0.03       1.6         20661       175.50       175.00       1.50       0.03       1.6         20662       175.50       178.00       1.50       0.04       0.3         20662       175.50       178.00       1.50       0.04       0.3         20662       175.50       178.00       1.50       0.11       1.1         20665       180.50       180.00       0.04       0.7         20665       180.50       181.38       0.88       0.14       0.5         181.38       216.60       HMENNLIZED ZONE \ HWEINE MULL ALTERED PORPHYNY (MZAGERED)       1000000000000000000000000000000000000				20658	1/0.50	172,00	1.30	0.05	V./
20660         173.50         175.00         1.50         0.13         0.7           20621         175.00         175.00         1.50         0.68         1.6           20622         175.00         175.00         1.50         0.68         0.6           20641         175.00         175.00         1.50         0.68         0.6           20642         177.50         176.50         1.60         0.64         1.7           20644         179.50         1.60         0.64         1.7           20645         160.50         181.33         0.68         0.14         0.5           181.33         216.66         NUMENALIZED ZONE \ MANSING MALL ALTERED PORPHYMY (NZV08053)         -         -         -         -         -         0.14         0.5           181.33         216.66         MINENALIZED ZONE \ MANSING MALL ALTERED PORPHYMY (NZV08053)         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td>173.00</td> <td>174.00</td> <td>Ground Core</td> <td>20<b>659</b></td> <td>172.00</td> <td>173,50</td> <td>1.50</td> <td>ं<b>.</b>04</td> <td>(<b>.</b>7</td>	173.00	174.00	Ground Core	20 <b>659</b>	172.00	173,50	1.50	ं <b>.</b> 04	( <b>.</b> 7
20461       175.00       175.00       1.50       0.08       1.6         20652       176.50       178.00       1.53       0.06       0.5         20653       176.50       178.00       1.53       0.11       1.1         20664       177.50       180.05       1.60       0.04       1.7         2065       160.50       181.33       0.88       0.14       0.5         181.33       216.66       MINERALIZED ZDE & NAMEINE WILL ALTERED PORPHYRY (M2/06005)       160.50       181.33       0.88       0.14       0.5         181.33       216.66       MINERALIZED ZDE & NAMEINE WILL ALTERED PORPHYRY (M2/06005)       160.50       181.33       0.88       0.14       0.5         181.33       216.66       MINERALIZED ZDE & NAMEINE WILL ALTERED PORPHYRY (M2/06005)       160.50       181.33       0.88       0.14       0.5         181.33       216.66       MINERALIZED ZDE & NAMEINE WILL ALTERED PORPHYRY (M2/06005)       1.60       0.68       0.14       0.5         181.35       101 restures and as sulphide veins up to 2 cm wide       2       1.60       1.61       1.61         20100       172 thornbiende euhedral phenocrysts up to 2 am in size       1.71       1.12       0.05       0.3				20660	173.50	175.00	1.50	0.13	<b>0.7</b>
20662       178.00       175.00       1.50       0.06       0.3         20663       178.00       1.50       0.11       1.1         20664       178.00       1.50       0.04       1.7         181.33       216.66       NIMERALIZED ZONE \ HANGING MALLY ALTERED PORPHYRY (NZV858015)       -       -       -       -       -       -       0.04       1.7       -       0.04       1.5       0.04       0.5         181.33       216.66       NIMERALIZED ZONE \ HANGING MALLY ALTERED PORPHYRY (NZV858015)       -       -       -       0.04       0.5       -       -       0.04       0.5       -       -       0.04       0.5       -       -       -       0.04       0.5       -       -       -       -       0.04       0.5       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - </td <td></td> <td></td> <td>· · · ·</td> <td>20661</td> <td>175.00</td> <td>175.50</td> <td>1.50</td> <td>0.08</td> <td>1.0</td>			· · · ·	20661	175.00	175.50	1.50	0.08	1.0
20e33       178.00       179.50       1.50       0.11       1.12         20e34       179.50       180.50       1.00       0.04       1.7         20e53       179.50       180.50       1.00       0.04       1.7         20e53       179.50       180.50       1.00       0.04       1.7         20e53       120.50       181.33       0.88       0.14       0.5         181.38       216.60       HMERALIZED ZONE & HANGING WALLA LIENED PORPHYRY (MZ/86845)       100.50       101.00       0.04       1.7         - addium gray colour, strong alteration obliterating remnant textures, tessive, strongly fractured       - alteration is primarily silica saturation       - 7. py disseminated       - 0.14       0.5         - 27. Schierite disseminated       - 20. Chiorite along fractures       - 1.7       - 1.7       - 1.7       - 7.5       Feldspar eurodral phenocrysts up to 2 am in size       - 1.7       - 1.12       0.05       0.8         123.00       155.00       Broken Core - Ground Core       20667       182.50       1.50       0.67       1.7         - core lengths generally no longer than 5-10 ca       20667       182.50       1.50       0.07       1.6         20669       155.00       187.00       1.50			•	20662	176.50	178.00	1.50	0.06	0.3
20664       177.30       100.30       1.00       0.04       1.7         181.38       216.66       NIMERALIZED ZONE \ HANGING WALL ALTERED PORPHYRY (NZ\GGGG)       20665       180.30       0.88       0.14       0.5         181.38       216.66       NIMERALIZED ZONE \ HANGING WALL ALTERED PORPHYRY (NZ\GGGGG)       20665       180.30       0.88       0.14       0.5         181.38       216.66       NIMERALIZED ZONE \ HANGING WALL ALTERED PORPHYRY (NZ\GGGGG)       20665       180.30       0.88       0.14       0.5         181.38       216.66       NIMERALIZED ZONE \ HANGING WALL ALTERED PORPHYRY (NZ\GGGGG)       20665       181.38       0.88       0.14       0.5         181.38       191.30       priation is priating restanted       1.00       priation is priating restanted       0.5       0.88       0.14       0.5         210.01       77. by disseminated, along fractures and as sulphide veins up to 2 cm wide       20       1.50       0.81       1.50       0.05       1.50       0.05       0.5         20666       181.38       182.50       1.12       0.05       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0				20663	178.00	179.50	1.50	0.11	1.1
181.38       216.68       NINERALIZED ZORE \ HANGING WALLY ALTERED PORPHYRY (NZV85845)       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       1000       10000       1000       10000       10000       10000       10000       1000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000       10000				20 <b>004</b> 20665	177.30	100.30	0.88	0.04	1./ 0.5
- medium gray colour, strong alteration obliterating remnant textures, messive, strongly fractured - alteration is primarily silica saturation - 7% py disseminated, along fractures and as sulphide veins up to 2 cm wide - 2% sphalerite disseminated - 3% Chiorite along fractures - Tr Juartz-Carbonate Veins and fracture fillings - 3-5% Feldspar euredral phenocrysts up to 2 mm in size - Tr-i% Hornblende euhedral phenocrysts altered to chiorite 20666 181.38 182.50 1.12 0.05 0.8 123.00 155.00 Broken Core - Ground Core - core lengths generally no longer than 5-10 cm 20667 182.50 184.00 1.50 0.07 1.7 - core lengths generally no longer than 5-10 cm 20667 182.50 187.00 1.50 0.09 0.8 20667 185.50 187.00 1.50 0.07 0.6 2067 185.50 190.00 191.50 1.50 0.07 0.6 2067 182.50 190.00 191.50 1.50 0.07 0.6 2067 182.50 190.00 191.50 0.05 1.0 187.64 181.55 0.50 1.50 0.05 1.0 187.64 181.55 0.50 1.50 0.05 1.0 188.50 190.00 191.50 0.05 1.0 188.50 190.05 1.05 0.05 1.0 188.50 190.05 1.05 0.	181.38	216.68	NINERALIZED ZONE \ HANGING WALL\ ALTERED PORPHYRY (HZ\86818)	10000	100,00	101700			
nassive, strongly fractured         - alteration is primarily silica saturation         - 7% py disseminated, along fractures and as sulphide veins up to 2 cm wide         - 2% sphalerite disseminated         - 1% Object along fractures         - 1% Hornblende euhedral phenocrysts up to 2 mm in size         - 1% Hornblende euhedral phenocrysts altered to chlorite         20666       181.38       182.50       1.12       0.05       0.8         183.00       155.00       Broken Core - Ground Core       20667       182.50       1.50       0.07       1.7         - core lengths generally no longer than 5-10 cm       20667       182.50       1.50       0.09       1.6         20669       155.50       187.00       1.50       0.07       1.6         20667       182.50       187.00       1.50       0.07       0.6         20667       185.50       187.00       1.50       0.07       0.6         20667       185.50       1.50       0.07       0.6         20667       185.50       1.50       0.0			- medium grey colour, strong alteration obliterating remnant textures,	•					
- alteration is primarily silica saturation - 7% py disseminated, along fractures and as sulphide veins up to 2 cm wide - 2% sphalerite disseminated - 3% Chlorite along fractures - Tr Buartz-Carbonate Veins and fracture fillings - 3-5% Feldspar euredral phenocrysts up to 2 am in size - Tr-1% Hornblende euhedral phenocrysts altered to chlorite 20666 181.38 182.50 1.12 0.05 0.8 183.00 185.00 Broken Core - Ground Core - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.07 1.7 - core lengths generally no longer than 5-10 cm 20667 153.50 187.00 1.50 0.09 0.8 20667 153.50 187.00 1.50 0.09 0.8 20667 153.50 187.00 1.50 0.09 0.8 20667 153.50 187.00 1.50 0.07 0.6 20670 153.50 187.00 1.50 0.07 0.6 20671 158.50 170.00 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.07 0.6 20674 158.50 170.00 1.50 0.07 0.6 20675 190.00 191.50 1.50 0.07 0.6 20575 190.00 191.50 1.50 0.57 20575 190.00 191.50 1.50 0.57 20575 190.00 191.50 1.50 0.57 20575 190.50 15			messive, strongly fractured						
<ul> <li>7% by disseminated</li> <li>2% sphalerite disseminated</li> <li>3% Chiorite along fractures</li> <li>17 Quartz-Carbonate Veins and fracture fillings</li> <li>3-5% Feldspar eurodral phenocrysts up to 2 am in size</li> <li>Tr-i% Hornblende euhedral phenocrysts altered to chlorite</li> <li>20666 181.38 182.50 1.12 0.05 0.8</li> <li>183.00 185.00 Broken Core - Ground Core</li> <li>core lengths generally no longer than 5-10 cm</li> <li>20668 184.00 185.50 1.50 0.07 1.5</li> <li>20669 155.50 187.00 1.50 0.07 1.6</li> <li>20669 155.50 187.00 1.50 0.07 0.8</li> <li>20667 182.50 188.50 1.50 0.07 0.8</li> <li>20667 188.50 1.50 0.07 0.6</li> <li>20670 157.00 188.50 1.50 0.07 0.6</li> <li>20671 188.50 190.00 1.50 0.07 0.6</li> <li>20671 190.00 191.50 1.50 0.07 0.6</li> <li>20671 190.00 191.50 1.50 0.07 1.6</li> </ul>			<ul> <li>alteration is primarily silica saturation</li> <li>7% as disconsisted, signs instrume and as subskide using up to 7 cm wide</li> </ul>						
- 3% Chiorite along fractures - 7% Chiorite along fractures - 7r Quartz-Carbonate Veins and fracture fillings - 3-5% Feldspar eurodral phenocrysts up to 2 mm in size - 7r-1% Hornblende euhedral phenocrysts altered to chlorite 20666 181.38 182.50 1.12 0.05 0.8 20667 182.50 184.00 1.50 0.07 1.7 - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.09 1.8 20669 135.50 187.00 1.50 0.09 0.8 20667 182.50 185.00 1.50 0.09 0.8 20667 183.50 187.00 1.50 0.09 0.8 20671 183.50 170.00 1.50 0.07 0.8 20671 183.50 170.00 1.50 0.07 0.8 20671 183.50 170.00 1.50 0.07 0.8 20671 183.50 170.00 1.50 0.05 1.0 WE F.A. MT91-45			<ul> <li>- 7% by disseminated, and graduates and as surprise veries by to 2 th wide</li> <li>- 7% sphalerite disseminated</li> </ul>						
- Tr Buartz-Carbonate Veins and fracture fillings - 3-5% Feldspar euredral phenocrysts up to 2 am in size - Tr-1% Hornblende euhedral phenocrysts altered to chlorite 20666 181.36 182.50 1.12 0.05 0.8 183.00 185.00 Broken Core - Ground Core - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.07 1.7 - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.09 1.6 20669 185.50 187.00 1.50 0.09 0.8 20670 185.50 187.00 1.50 0.07 0.8 20671 188.50 190.00 1.50 0.07 0.8 20671 188.50 190.00 1.50 0.07 0.8 20672 190.00 191.50 1.50 0.05 1.0 UNITE A. MEDI-AS			- 3% Chlorite along fractures						
- 3-5% Feldspar euredral phenocrysts up to 2 mm in size - Tr-1% Hornblende euhedral phenocrysts altered to chlorite 20666 181.38 182.50 1.12 0.05 0.8 183.00 185.00 Broken Core - Ground Core - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.07 1.7 - core lengths generally no longer than 5-10 cm 20669 135.50 187.00 1.50 0.07 0.8 20670 187.00 138.50 1.50 0.07 0.8 20671 188.50 1.50 0.07 0.8 20671 188.50 1.50 0.07 0.6 20671 188.50 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.05 1.0 UNITE A. METALS			- Tr Quartz-Carbonate Veins and fracture fillings						
- Tr-1% Hornblende euhedral phenocrysts altered to chlorite 20666 181.38 182.50 1.12 0.05 0.8 183.00 185.00 Broken Core - Ground Core - core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.07 1.5 20668 184.00 185.50 1.50 0.09 1.6 20669 155.50 187.00 1.50 0.09 0.8 20670 157.00 188.50 1.50 0.32 0.6 20671 158.50 190.00 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.05 1.0 HTTE A. HTT-45			- 3-5% Feldspar euhedral phenocrysts up to 2 mm in size						
20666       181.38       182.50       1.12       0.05       0.8         183.00       185.00       Broken Core - Ground Core - core lengths generally no longer than 5-10 cm       20667       182.50       184.00       1.50       0.07       1.7         20668       184.00       185.50       1.50       0.09       1.6         20669       155.50       187.00       1.50       0.09       0.8         20670       157.00       188.50       1.50       0.09       0.8         20671       158.50       190.00       1.50       0.07       0.6         20671       158.50       190.00       1.50       0.07       0.6         20672       190.00       191.50       1.50       0.05       1.0         WRF 4. WR1-45			- Tr-1% Hornblende euhedral phenocrysts altered to chlorite						
183.00       185.00       Broken Core - Ground Core       20667       182.50       184.00       1.50       0.07       1.7         - core lengths generally no longer than 5-10 cm       20668       184.00       185.50       1.50       0.07       1.8         20669       135.50       187.00       1.50       0.09       0.8         20670       157.00       188.50       1.50       0.32       0.6         20671       158.50       190.00       1.50       0.07       0.6         20672       190.00       191.50       1.50       0.05       1.0				20666	181.38	182.50	1.12	0.05	<b>0.</b> 3
- core lengths generally no longer than 5-10 cm 20668 184.00 185.50 1.50 0.09 1.6 20659 185.50 187.00 1.50 0.09 0.8 20670 185.50 1850 1.50 0.32 0.6 20671 188.50 190.00 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.05 1.0 MREF & MT91-45	183.00	185.00	Braken Core - Ground Core	20667	182.50	184,00	1.50	0.07	1,7
20668 184.00 185.50 1.50 0.09 1.6 20669 135.50 187.00 1.50 0.09 0.8 20670 187.00 188.50 1.50 0.32 0.6 20671 188.50 190.00 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.05 1.0 MREF & MT91-45	~		- core lengths generally no longer than 5-10 cm		-				
20659 155.50 187.00 1.50 0.09 0.8 20670 157.00 158.50 1.50 0.32 0.8 20671 158.50 190.00 1.50 0.07 0.8 20672 190.00 191.50 1.50 0.05 1.0 MREF 8, MT91-45				20668	184.00	185.50	1.50	0.09	1.6
20670 157.00 198.50 1.50 0.32 0.6 20671 158.50 190.00 1.50 0.07 0.6 20672 190.00 191.50 1.50 0.05 1.0 WR F & MT91-45				20659	195.50	187.00	1.50	0.09	. 0 <b>.</b> 8
20671 158.50 190.00 1.50 0.07 0.6 20572 190.00 191.50 1.50 0.05 1.0 MRF 8. MT91-45				20570	157.00	198.50	1.50	0.32	0.6
20572 190.00 191.30 1.30 0.03 1.0 HTTF#• NT91-45			· ·	20671	158.50	170.00	1.50 + an	0.07 A AF	0 <b>.6</b>
				272/2	170.00	171.30	113V H <b>ri</b> f	0.00 81 NC91	v

# SOND GELD CANADA INC. HOLE - PAGE # 9 of 15

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FROM	TO	DESCRIPTION	sample .	FROM	TO	WIDTH	Au g_ton	Ag g_ton
				101 54	107.00			
			29673	171.00	193.00	1.50	0.12	674
		·	- 20074	173.00	174.00	1,30 4 EA	V.VB A AB	1.2
			20073 20171	174.00	170.00	1.00	0.07	1.4
			20070	197 50	100 00	1.37	0.13 6 74	1.V C 2
			20077	199.00	200.50	1.50	0.07	1.7
			20679	200.50	202.00	1.50	0.18	0.6
			20680	202.00	203.50	1.50	0.30	0.9
704 00	714 49	- increasing such of culchide value (su)	70491	203 50	205 00	1 50	5 75	67
107100	210.00	- weak pickich cast to the core - K alteration	20001	205.00	205.00	1.00	2.00	1.5
		Weak pinkish cast to the core - K afteration	20002	203.00	209.00	1.50	4.5 <del>4</del> A 14	1.2
		· ·	20000	200.00	200.00	1 50	0.57	1 1
			20485	200,00	207.00	1.50	0.17	1 A
212.00	212.40	Massive Subhide veins up to 5 cm infiliion fractures	20000	207,00	211.00	1.00	V.10	117
		- composition is primarily py						
			50161	544 66	343 64		A 10	
213.78	213.83	Po and Py Massive Sulphide Vein	20685	211.00	212.50	1.50	0.88	0.4
		,						
$\mathcal{C}$			20 <b>687</b>	212.50	214.00	1.50	0.54	0.4
			20686	214.00	215.50	1.50	0 <b>.</b> 29	0.7
216.68	221.67	BREDCIA (NZ\BX\1\BEBH10)	20687	215.50	216.68	1.18	2.68	0.8
		- medium grey green colour, very fine grained, tuffaceous fragments and						
		altered porphyry fragments in a fine grained matrix						
		- Fragment Supported						
		- by/ tragments are time grained angular tuttaceous tragments						
		<ul> <li>The compleme within the porphyry tragments has been allowed to an</li> </ul>					· · · ·	
		sitered to py						
		- strongly altered - cliica						
		<ul> <li>Tok by disseminated and as vers within the matrix</li> <li>1% Chlorite as fracture filling</li> </ul>						
			20160	714 LC	710 M	1 27	¢. A7	0 A
			20370 20191	210.00 719 AA	210.W	1.02 1 5A	V.4/ 0 70	V.4 A C
			704071 -	710 50	770 50	1.00	0.30 A 10	0.7 A 4
		•	20072	217.30	220.00	1.00	0.10	0.9
221.67	270 <b>.2</b> 8	HINERALIZED ZONE - ALTERED PORPHYRY (NZ\8F6819)	20010	110.00	111.07	1.1	V.17	V.C
		- optime oney oneen colour, fine to medium prained, plassy appearance, easily						
		with spotty magnetism						
		- strongly altered - Sericite + Silica						
		<ul> <li>weakly porphyritic sections where the amphiboles have been pseudomorphed to chlorite and then co.</li> </ul>						
		- TY Foldenar autodral obsporrvets in isolated sections						
		- 7-8% ny diacominatad and as voins						
		-0.5 - 1% on discominated and as fracture fillings						
		- 1-77 Quartz-Carbonato voine ac fracture fillinge un to 1 re wine						•
		- In chialerite discontated						
		- 1-7% Chlorite on fracture places						

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## SCIND GOLD CANADA INC. HOLE - PAGE # 10 of 15

FROM		DESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			20/04	394 / 7	500 EA	A 07	A 54	4.5
			20674	221.5/	222.30	0.80	0.90	1.7 '
		· ·	20693	222.30	223.30	1.00	0.33	0.3
			20070	223.30	223.00	1.50	1.47	L.L 7 7
		•	2007/	223.00	228.JV	1.30	4.70	1.1 • •
·-			20070	220.00	220.W	1.50	1.19 A 77	V.7 
		·	20077	220.00	227.30	1.50	V.JJ A AS	9.1 A 5
		· •	20700	771 00	231.00	1.50	0.07	0.4
233.17	233.41	Nassive Sulphide Py Vein	20/01	251.00	202.00	1.00	V.JI	V.7
			20202	777 50	778 63	( 50	7 51	Ę 7
235.15	235.35	Massive Sulphide Py Vein	IVIVI	202.00	207100	1.00	<i>L.J</i> 1	0.0
. 777 00	275 AA	1. 77 Sebalarita						
200500	100.00							
			20703	234.00	235.50	1.50	2.40	0.4
236.00	740.00	5-67.Quartz-Farbonate Veins as fracture fillings up to 7 ca wide	20704	235.50	237.00	1.50	1.03	1.3
100170	2.0100	o childen er och ochder vend as marene friftings op to i til mare	20705	237.00	238.50	1.50	0.16	0.3
, iii	747.00	- decrease in the subhide content to 5-7% and an increase in the abundance of	20706	238.50	240.00	1.50	0.23	1.3
/	2	no to 72	20707	240.00	241.50	1.50	0.51	1.5
			20708	241.50	243.00	1.50	0.13	1.7
			20707	243.00	244.50	1.50	0.08	0.9
			20710	244.50	246.00	1.50	0.08	0.8
			20711	246.00	247.50	1.50	0.13	0.7
248.00	252.00	- mottled, very fined massive, strongly fractured with 10% py infillings and a	20712	247.50	249.00	1.50	0.30	0.6
		light green hue	20713	249.00	250.50	1.50	0.40	0.6
			20714	250.50	252.00	1.50	0.25	0.5
			20715	252.00	253.50	1.50	0.68	1.0
254.50	256.65	- very fined massive, strongly fractured with py,po and chlorite along	20716	233,50	255.00	1.50	0.31	1.7
		the fractures	20717	255.00	256.50	1.50	0.48	1.0
			20718	256.50	2 <b>58.</b> 00	1.50	0.44	0.3
257.05	259.18	Quartz-Carbonate Vein						
259.13	259,55	Breccia	20719	258.00	259.50	1.50	0.30	2.6
		- matrix supported with angular felsic fragments up to 1 cm in size						
			20720	259.50	251.00	1.50	0.32	2.8
		· · ·	20721	261.00	262.50	1.50	0.37	0.4
262,50	262.75	Guartz-Carbonate Vein at a low angle to the core axis						
			20722	262.50	264.00	1.50	0.14	1.1
<u>ب</u> ۱۷	268.59	- Porphyry with angular resorbed fragments up to 2 cm in size that have been	20723	264.00	265.50	1.50	0.35	1.3
		altered to py	20724	265.50	267.00	1.50	0.25	. 1.0
		- 3-5% Feldspar subhedral phenocrysts up to 5 mm. in size	20725	267.00	258.50	1.50	) <b>.</b> 39	0.3
		- 8-10% py disseminated and as an alteration product		•				

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From	TO	DESCRIPTION	SAMPLE	FROM	Tū	WIDTH	Au g_ton	Aợ g_ton
			20726 20727	268.50	257.50	1.60 0.75	3 <b>.8</b> 5 0.64	6.7 . 1.9
270.28	270.75	MASSIVE SLEMIDE (NS)		20,000				
		- massive pyrite with quartz clots						
270.75	271.00	FALLT ZONE (FZ)	20728	270.28	270.75	0 <b>.4</b> 7	27.40	55.0
		- gouge mixed with ground core						
271.00	298.04	VERY SILICEOUS ROCK \ HEL \ PLAG PORPHYRY (HZ\868010)						
		<ul> <li>very fine grained, massive, siliceous, cherty appearance, very hard</li> <li>porphyritic sections up to 1 m in length include 8% feldspar euhedral phenocrysts</li> <li>weak to moderate foliation at 45°</li> <li>7-10% py disseminated and along fractures</li> <li>3% Guartz-Carbonate fracture fillings</li> </ul>						
~			20729	270.75	272.00	1.25	0.77	2.0
			20730 20731	272.00 273.50	273.50 275.00	1.50	0 <b>.68</b> 0.50	1.2
		· · ·	20732	275.00	276.50	1.50	0.17	1.0
76.50	278.89	Blocky Ground - core lengths of no greater than 10 cm $$	20 <b>733</b>	276.50	278.00	1.50	0.17	0 <b>.</b> 5
			20734	278.00	277.50	1.50	0.19	1.3
			20735	279.50	251.00	1.50	•0.34	1.3
			20736	281.00	232.50	1.50	0.31	1.4
			20737	282.50	284.00	1.50	0.22	1.5
			20738	284.00	285.50	1.50	0.19	1.5
86.50	238.04	Biccky Ground	20737	285.50	237.30	1.50	0.22	1.5
		- ground core	20 <b>74</b> 0	2 <b>87.</b> 00	268.04	1.64	0 <b>.</b> 23	· 1.Z
88.04	303.00	HINERALIZED ZONE \ HBL \ PLAG PORPHYRY (NZ\868d10)						
		<ul> <li>light grey colour, medium to coarse grained, massive, porphyritic, blocky</li> <li>strong alteration - silica</li> </ul>						
	·	<ul> <li>- 6% regnant Horntlende phenocrysts pseudomorphed to py</li> <li>- 10% Feldspar euhedral sausseritized phenocrysts</li> <li>- 7-10% py disseminated along fractures and as sulphide veins</li> <li>- 1-7% Duarta-Carbonate microfracture fillings</li> </ul>						
-		- Tr Chlorite along fracture and as an alteration product of the hornblende						
			20741 20742	285.04 289.50	257.50 291.00	1,48 1.50	0.46 0.39	0.6 . 0.7
92 <b>.0</b> 0	2 <b>95.</b> 90	. The core is strongly fractured with core lengths no longer than 10 cm	207 <b>4</b> 3 20744	291.00 2 <b>72.5</b> 0	292.50 294.00	1.50 1.50	0.41 0.65	0.3 1.1

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HOLE #: MC91-65

SOND GOLD CANADA INC. HOLE - PAGE # 12 of 15

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From	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			207 <b>45</b>	294.00	295.50	1.50	0.47	1.1
			20746	295.50	297.00	1.50	0.62	1.0
		,	20747	297.00	278.50	1.50	0.61	1.1
			20748	298.50	300.00	1.50	0.56	1.3
			20749	300.00	301.50	1.50	0.68	1.0
. 303.00	331.68	NINERALIZED ZONE \ SILICIFIED PORPHYRY (NZ\REBUB)	20750	301.50	303.00	1.50	0.40	1.0
		- light area colour yers fire argined escrive strengly silicified						
		obliterating most of the remnant textures, few porphyritic sections remain,			•			
		<ul> <li>- 5-8% py disseminated and along fractures, as sulphide veins</li> <li>- 1% Quartz-Carbonate microfracture fillion</li> </ul>						
		in durit conduct matronature filling						
			20751	303.00	304.50	1.50	1.65	0.9
			20752	304.50	306.00	1.50	0.24	2.2
			20753	306.00	307.50	1.50	0.70	1.3
			20754	307.50	309.00	1.50	0.35	0.4
			20755	309.00	310.50	1.50	0.12	1.0
			20756	310.50	312.00	1.50	1.09	4.3
			20 <b>75</b> 7	312.00	313.50	1.50	0.23	1.7
			20758	313.50	315.00	1.50	0.25	1.9
			20759	315.00	316.50	1.50	0.28	2.0
			20760	316.50	318.00	1.50	0.44	0.2
			20761	318.00	319.50	1.50	0.24	1.5
			20762	31 <b>9.5</b> 0	321.00	1.50	0.15	1.1
			20763	321.00	322.50	1.50	ù.09	1.4
			20764	322.50	324.00	1.50	0.10	1.1
			20765	324.00	325.50	1.50	0.13	0.9
			20766	325.50	327.00	1.50	0.17	0.8
			20767	327.00	328.45	1.45	0.18	1.1
328 <b>.4</b> 5	329.05	Semi Massive Pyrite	20768	328.45	329.05	0.60	0,48	0.2
329.05	331 <b>.6</b> 5	20% Pyrite - massive to semi-massive sections	20769	329.05	330.50	1.45	0.23	0.2
771 /0	30/ 47		20770	330.50	331.68	1.18	0.31	0.2
271.00	381.0/	HOL \ FLHD FUNFTHTKT \ HINEPHLIZED ZUNE (HZ\ND/003)						
		<ul> <li>light grey to buff colour, medium grained, strongly altered, moderately populyritin, bard</li> </ul>						
		- alteration is origanily silina						
		- stronger porphyritic texture in comparison with the previous unit						
		- 7-8% py disseminated, as sulphide veins, massive sections, and as a						
		pseudomorph product of the hornblende phenocrysts						
		- Ir-0.3% fourmailine in sections up to 0.5 m in length						
		- Fr-1% Boartz grains - Tr Guartz-Carbonate fracture filling						
-			26771	331 <b>.68</b>	332.27	0.59	0.31	. 0.9
372.27	ा य	Macsive Sulphide - Pv	76777	332.77	373.78	1.11	6.47	ô. <b>7</b>
vviet/	000100		<b>₩</b> ¥7.1 <b>₩</b>				v. (#	~**
						HOLE	\$: HC91	-65

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	kạ g_ton
			20773	333.38	334.50	1.12	0.07	<b>0.</b> 2
			20774	334.50	336.00	1.50	0.15	0.2
			20775	336.00	337.50	1.50	<b>v.1</b> 5	0.2
		·	20776	337.50	339.00	1.50	0.14	0.2
			20777	339.00	340.50	1.50	0.12	1.3
			20778	340.50	342.00	1.50	0.25	0.3
			20779	342.00	343.50	1.50	0.17	0.5
			20780	343.50	345.00	1.50	0.15	0.7
			20781	345.00	346.50	1.50	0.06	1.4
			20/82	346.30	348.00	1.50	0.0/	1.4
		· · · ·	20/85	348.00	347.00	1.50	0.15	0.7
			20/01	347.3V	331.00	1.50	0.12	1.2 A A
			20/03	752 50	754 00	1.50	0.17	1 1
			20708	754 00	355 50	1.50	0.10	1 A
			20789	355.50	357.00	1.50	• 0.73	0.3
			20789	357.00	358.50	1.50	0.15	0.7
			20790	358.50	360.00	1,50	0.34	1.4
			20791	360.00	361.50	1.50	0.17	0.9
			20 <b>79</b> 2	361.50	363.00	1.50	0.12	1.0
C 74	RAA EA	Macrive Sulphine Upin	76 <b>793</b>	00. 747	344 50	1.50	0.19	A 7
127	447 <b>8</b> 670	PROPERTY CONTRACTOR	20773	000.00	004100	1.00	V <b>•1</b> 7	VIL
365.50	367.00	Epidote and Axinite Veins at all angles to the core	207 <b>94</b>	364.50	366.00	1.50	0.14	1.3
365.00	381.07	- Light to medium green colour, possibly Apatite or Chlorite alteration	20795	366.00	367.50	1.50	0.30	2.0
		- finer grained with a weak porphyritic texture	20796	367.50	369.00	1.50	0.44	1.2
			20/9/	369.00	3/0.50	1.50	0.26	0.9
			20798	3/0.30	3/2.00	1.50	0.1/	1.5
			20/99	3/2.00	373.30	1,50	0.04	1.2
			20000	375 AA	373,00	1.50	0.07	1.2
			20001	373.00	3/0.00	1.50	0.05	1.1
			20002	378.30	370.00	1.50	0.02	1 1
			20804	375.50	381.07	1.57	0.04	1.7
381.07	386.86	SILICIFIED BRECCIA (BIGBUB)	2.007					
		<ul> <li>light grey colour, very fine grained fragments in a fine grained matrix, very silicic, fragment supported, strongly fractured - Contact Zone??</li> <li>angular fragments up to 5 cm in size</li> <li>7-8% py along fractures</li> <li>Tr-1% Guartz-Carbonate fracture fillings</li> <li>fractures are at all angles to the core axis</li> </ul>						
		· · · · ·	709/5	381.07	387.50	Х. <b>Д</b> 7	0.01	! 7
			20806	382.50	384.00	1.50	ú.13	1.6
			20807	384.00	385.50	1.50	0.17	1.3
			20808	325.50	386.86	1.36	0.12	1.5
386.86	400.25	HBL \ PLAG PORPHYRY (BA3d5)	-		·			
		· · · · · · · · · · · · · · · · · · ·						

HOLE -

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- medium grey colour, medium-coarse grained, massive, porphyritic, spotty magnetism

BOND GOLD CANADA INC.

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FROM	TO	DESCRIPTION .	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
		- 10% Hornblende euhedral phenocrysts up to 5 mm in size commonly altered to						
		chlorite						
		- 2-3% Feldspar phenocrysts, suasseritized						
		- 3-34 py disseminated and as suiphide veiniets						
		- 7-77 Chlorite along fractures and as vains						
		2 SA CHICKILE BIDING IN BECOMES BAD AS VEINS						
			20809	386.86	388.00	1.14	) <b>.</b> 22	1.1
			20810	388.00	387.50	1.50	4.36	1.4
			20811	339.50	391.00	1.50	6.32	0.2
			20812	391.00	372.50	1.50	0.18	1.5
			20813	392.50	394.00	1.50	0.12	1.1
			20814	394.00	<b>395.5</b> 0	1.50	0.10	1.0
3 <b>96.</b> 00	397.00	Blocky Core	20815	395.50	397.00	1.50	0.07	1.5
196-24	791 00	Sulphide Process						
/////	071900	- 40% frameents in a ny rich estriv						
		ion negarines and printer metrick						
			20816	397.00	398.50	1.50	0 <b>.05</b>	0.8
-			20317	<b>398.5</b> 0	399 <b>.5</b> 0	1.00	0.18	0.8
			20818	399.50	400.25	0.75	ð <b>.2</b> 0	1.6
00.25	419.75	SILICIFIED FRACTURE ZONE (BX\C2\868n5)						
		· · · · · · · · · · · · · · · · · · ·						·
		<ul> <li>similar to 381.07 to 386.86</li> <li>strongly fractured and silicified with 5% Guartz-Carbonate veins at all</li> </ul>						
		angles to the Core axis - TY ou along fractures and within Quarta-Cartegoits voins						
		- 1-2% po along fractures and within Guartz-Carbonate Veins						
			20819	400.25	401.50	1.25	0.16	2.7
			20820	401.50	403.00	1.50	0.05	1.7
			20821	4(3.0)	404.50	1.50	0,10	1.1
			20822	404.50	406.00	1.50	0.20	1.3
			20 <b>82</b> 3	406.00	407.50	1.50	0.11	2.1
			20824	407.50	409.00	1.50	0.28	1.7
			20 <b>82</b> 5	409.00	410.50	1.50	0 <b>.</b> 08	9 <b>.</b> 8
			20826	410.50	412.00	1.50	0 <b>.04</b>	0.5
			20827	412.00	413.50	1.50	0.06	·
			20826	413.50	415.00	1.50	0.05	1.0
			20625	415.00	418.50	1.50	0.04	1.3
			20830	416.50	417.50	1.00	0.03	1.7
53 <b>5</b> 4	ten ne	F GV Sababania an the size of a Guarda Cambanda Nais	20831	41/.50	418.50	1.00	0.15	1./
17,20	417,21	amph opnaterite on the edge of a WHARTZ-Larconate Vein						
			10532	418.50	419.75	1,23	• <b>0.4</b> 6	2.3

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appearance, strongly altered - Tr-2% feldspar euhedral phendcrysts

- alteration is primarily chlorite and silica

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FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	ĤQ g_ton	
		- 3-5% py and po disseminated and as stringers - Tr-1% Quartz-Carbonate fracture fillings - Tr Chlorite along fracture surfaces							
			20833	419.75	421.00	1.25	0.13	1.1	
			20834	421.00	422,50	1.50	0.10	0.7	
			20835	422.50	424.00	1.50	0.42	1.1	
			20835	424.00	425.50	1.50	0.13	0.7	
			20637	425.50	427.00	1.50	1.10	6.0	
			20838	427.00	428.50	1.50	0.51	1.6	
			20839	428.50	430.00	1.50	0.27	0.9	
			20840	430.00	431.50	1.50	0.17	0.2	
			20841	431.50	433.00	1.50	0 <b>.1</b> 0	1.0	
			20 <b>842</b>	433.00	434.50	1.50	1.07	3.1	
			20843	434.50	436.00	1.50	1.75	2.7	
			20844	436.00	437.50	1.50	0.12	9.0	
• •			20845	437.50	438.50	1.00	0.08	2.0	
			20846	438.50	439.52	1.02	0.15	2.6	

439.52 439.52 E.O.H.

$\sim$						9 <b>.</b> 80							
3 <b>23-</b> 7, G	eld canad	A INC.	נס	iamond drill hole	Report					Fage	• #1 o	3	
KOLE NO. PROPERTY LOCATION LAIM NO. TARGET STARTED TINISHED SECTION COMMENTS	HC91-66 RED HOUNTAIN MARC JONE ORO 1 Aug 28,1991 Sept 2,1991	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	000 -130 1953.5 G.MacMillan B0 TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (*) DRILL CO. DRILL NO: FOREMAN	90 360 90 -75 297.18 FALCON 1000/1 K.Hillen	Depth 91.4 274.3	Dip Azim - 73 0: - 73 0:	uth Test 77 SPER 79 SPER	Depth Dip 184.4	Azimuth - 73 07	Test '4 <del>SFER</del>		· · ·
FROM	TO	DESC	RIPTION				<u>.</u>	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq g_ton
SUMMARY	1												
0.00	1.52 CASIN	<b>IG (CG)</b>											
1.52	24.00 HBL \	PLAS PORPHYRY	(8 <b>16</b> 62)										
<b>00</b>	24.30 FALL	201E (FZ)											
24.30	28.40 HBL \	PLAG PORPHYRY	(8A6a2)							•			
28.40	29.74 FAUL1	<b>ZONE (FZ)</b>											
29.74	65.63 HBL \	PLAS PORPHYRY	(6647a4)										
63.63	72.30 BRELE	IA (BX GFONS)	/ <b>DECA_A</b> \									`	
94.96	97.55 20601	'IA (RY =3)	(337-167)										
87.55	100.76 HBL	PLAG PORPHYRY	(888=4)										
100.76	111.70 COMP	e agh tuff. \ H	elvels porphy	Y (2\8A3a3)						· ·			
111.70	124.92 CHLO	RITIC BREDCIA (	BX AB#4)										
124.92	133.21 FINE	grained tuff (	IAT\100=5)										
133.21	182.36 HBL V	PLAG PORPHYRY	(95745)										
182.36	193.80 HINES	WLIZED ZONE \	HBL VPLAG PORI	MYRY (NZ\SEFEJ1(	))								
90	200.77 BRE	cia \ Hel\plae	PORPHYRY (BX)	\#2\89948}									
200.77	233.50 HBL	PLAG PORPHYRY	( (MZ\ <b>39948</b> )				,						
233.50	235 <b>.58 HBL</b>	, plag porphyrn	( (8F99d8)					•					

## SCIND GOLD CANADA INC. HOLE - FAGE # 2 of 9

FROM	T0	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	ÂU	Ĥġ	
							g_ton	g_ton	

a Care and

297.18 297.18 E.O.H.

HOLE #: HC91-66

FFND.	CANADA	TNC.	

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
									_

## 0.00 1.52 CASING (CS)

#### 1.52 24.00 HBL \ PLAS PORPHYRY (BASe2)

- colour varies from a medium green to grey colour, massive, porphyritic, spotty magnetism
- alteration primarily chlorite
- 8-10% Hornblende phenocrysts up to 3 mm in size pseudomorphing to chlorite and po
- 5% feldspar euhedral phenocrysts up to 2 am in size
- 3% Limonite on the fracture surfaces and within areas of blocky ground
- 2% py and po disseminated and along fracture surfaces
- Tr-1% Guartz-Carbonate fracture fillings
- 9.00 10.67 Blocky Ground with limonite alteration on the fracture surfaces
- 15.72 16.30 very mottled looking section strongly altered

#### 24.00 24.30 FALLT ZONE (FZ)

- ground exidized core

#### 24.30 28.40 HEL \ PLAG PURPHWRY (BAGe2)

- similar to 1.52 to 24.00

- Blocky ground with exidation on all of the fracture surfaces

#### 28.40 29.74 FALLT ZONE (FZ)

- oxidized rubble with core lengths up to 5 cm

#### 29.74 65.63 HEL \ PLAG PORPHYRY (SEA7e4)

- medium dark grey colour, massive, porphyritic with stronger altered finer grained sections, spotty magnetism
- Alteration primarily silica
- $\sim 5\text{-}8\%$  Hornblende euhedral phenocrysts up to 3 mm in size pseudomorphed to chlorite and or po
- 3% exidation along fracture surfaces
- 3-4% py and po disseminated and as veins on fracture surfaces
- LCT 25\*
- 29.74 34.00 Strongly altered obliterating the porphyritic textures blocky
- 37.25 42.00 Strongly altered with few sections of remnant porphyritic texture
- -15.00 48.50 Blocky Ground
- 57.25 59.00 Strongly Altered

			HOLE #:	NC91-66	
20852	60.00	61.50	1.50	0.21	0.1
20851	58.50	60.00	1.50	0.04	0.2

FROM	TO	DESCRIPTION	SAMPLE	FROM	, TO	NIDTH	Au g_ton	Ag g_ton
			20853	61.50	63.00	1.50	0.03	0.5
63.00	65.63	8% Sphalerite as large blebs	20 <b>85</b> 4 20 <b>855</b>	63.00 64.50	64 <b>.5</b> 0 65.63	1.50 1.13	6.10 2.28	0.1 1.6
64.70	65.00	Massive Sulphide - Sphalerite, Py, Po						
65.63	72 <b>.30</b>	BRECCIA (BX GF8mB)						
		<ul> <li>medium green colour, matrix supported, rounded fragments up to 3 cm in size, strongly silicified/sericitized</li> <li>20% fragments composed of Porphyry and Tuffaceous material</li> <li>The fragments commonly have reaction rims</li> <li>5-8% Sphalerite disseminated within the fragments</li> <li>2% py along the fractures and within fragments</li> <li>UCT - 25°</li> </ul>		-			·	
			cone/	12 17	17 A.		1 71	<del>.</del> .
			20856	67,63 67,00	67.00 68.25	1.25	0.58	1.C 1.C
68.25	68.76	Massive Sulphide - Py. Sphalerite. Fo	20658	68.25	6 <b>8.</b> 76	0.51	5.72	20.3
			20859	68.76	70.00	1.24	5.21	22.9
			20860	70.00	71.50	1.50	0.04	0.7
			20861	71.50	72.30	0 <b>.8</b> 0	0.14	0.7
/2.30	84.96	HSL \ PLAG PUNPHTRT (SGF404)						
		<ul> <li>medium grey colour, massive, porphyritic, magnetic to spotty magnetism</li> <li>8-10% Hornblende euhedral phenocrysts pseudomorphed to chlorite and or po</li> <li>Alteration - moderate sericite and silica</li> <li>3-5% recrystallized Quartz</li> </ul>				·	,	
		<ul> <li>3% po primarily as an alteration product and along tracture surfaces</li> <li>Tr-1% py disseminated and as veins</li> <li>Tr Guartz-Carbonate fracture fillings</li> </ul>					·	·
			20862	72.30	73.50	1.20	0.01	<i>0.</i> ;
			20863	73.50	75.00	1.59	0.01	0.9
04.0/	07 SE		20864	75.00	76.50	1.50	0.01	0.
67.70	8/.33	BRELLIN (BA BS)						
		<ul> <li>medium light grey green colour, massive, very fine grained matrix with subangular fragments to 4 cm in length</li> <li>15-25% Fragments of Porphyry, Argillite, and Tuffaceous material</li> <li>2-3% py and po generally as an alteration product of the fragments</li> </ul>						
87.55	100.76	HBL \PLAG PORPHYRY (88804)				•		
		- =imilar to 72.30 to 34.96						
		- strong silicification increasing towards the bottom of the interval						
							•	•

- medium grey colcur, massive weakly porphyritic, spotty magnetism, granular

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d G		ANADA INC. HOLE - FAGE \$ 5 of 9						
FROM	TO	DESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	Aq g_ton
		texture, hard - 5% remnant Hornblende phenocrysts that have pseudomorphed to chlorite and po - 3% py and po disseminated and along fractures - 1% Chlorite on fracture planes - 1% Ouertz-Tachonate micro-fracture fillings						•
			20865 20866 20867 20848	100.76 102.00 103.50	102.00 103.50 105.00	1.24 1.50 1.50	0.10 0.06 0.08 0.05	0.8 0.2 0.8
7.50	109.00	Blocky around with scae lost core	20869	106.50	108.00	1.50	0.03	0.2
		•	20870	108.00	109.50	1.50	0.05	0.7
0.70	111.00	Fault Gouge	20871	109.50	111.00	1.50	0.03	0.5
1 70	124 02		20872	111.00	111.70	0.70	0.06	1.2
		<ul> <li>- 2% po as stringers and disseminated</li> <li>- 2% py as stringers and disseminated</li> <li>- 7%-5% Quartz-Carbonate microfracture fillings</li> </ul>						
			20873 20874 20875 20876 20876 20878 20878 20879 20880	111.76 113.00 114.50 116.00 117.50 119.00 120.50 122.06	113.00 114.50 116.00 117.50 117.00 120.50 122.00 123.50	$   \begin{array}{r}     1.30 \\     1.50 \\     1.50 \\     1.50 \\     1.50 \\     1.50 \\     1.50 \\     1.50 \\     1.50 \\   \end{array} $	0.13 0.08 0.44 0.06 0.31 0.02 0.05 0.16	1.0 1.4 2.5 0.6 1.8 0.7 1.2 1.4
4.92	133.21	FINE GRAINED TUFF (IAT\19805)	20891	123.50	124.92	1.42	0.73	0.7
·		<ul> <li>light to medium grey colour, very fine grained, well bedded/banded with some small scale slumping and faulting, very silicic, spotty magnetism</li> <li>3-5% py and to along bedding planes and disseminated</li> <li>Tr-1% Sphalerite disseminated</li> <li>BN - 52° to along the core axis</li> </ul>						
5.50	125.00	10% Py, Po, Sphalerite	20 <b>3</b> 82	124.92	126.00	1.08	0.77	6.7
~.			20 <b>883</b> 20 <b>884</b> 20 <b>885</b> 20 <b>885</b>	126.00 127.50 129.00 130.50	127.50 129.00 130.50 132.00	1.50 1.50 1.50 1.50	1.08 5.42 0.20 0.17	1.4 1.6 . 0.5 1.1
5.00	133.21	10% Po disseminated at the lower contact	20887	132.00	133.21	1.21 Ho F	0.12 8. NC91	0.4

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ND G		ANADA INC. HOLE - PAGE # 6 of 9	•					
FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	HIDIH	Au g_ton	Ag c_ton
33.21	182.36	HEL \ PLAG PORPHYRY (887/d5)						
		<ul> <li>medium grey colour, medium grained, massive, porphyritic, moderate to strongly silicified</li> <li>Alteration - primarily silica - varies in intensity from moderate to strong</li> <li>10% Plagioclase euhedral to subhedral phenocrysts up to 2 mm in size</li> <li>Tr-1% Hornblende phenocrysts altered to Chlorite</li> <li>3% py and po disseminated and along fractures</li> <li>Tr-0.5% Guartz-Carbonate veins</li> </ul>						
133.21	145.00	- Mottled appearance, weakly sericitized, self healed brecciation, contact zone?	20 <b>688</b> 20 <b>88</b> 9 20 <b>98</b> 0	133.21 134.50	134 <b>.5</b> 0 136.00	1.29 1.50	0.27 0.76	1.: 1.(
		- 3% by and for arong fractore branes	20890 20891 20892 20893 20894	137.50 137.00 140.50 142.00	137.30 139.00 140.50 142.00 143.50	1.50 1.50 1.50 1.50	0.39 1.42 1.08 1.18	1.0 3.1 1 4.0
45.00	146.00	Blocky Ground	20895	143,50	145.00	1.50	0.68	1.
			20896 20897 20898 20 <b>89</b> 9 20 <b>9</b> 99	145.00 146.50 148.00 149.50 151.00	146.50 148.00 149.50 151.00 152.50	1.50 1.50 1.50 1.50 1.50	0.72 0.34 0.26 0.30 0.12	1.1 0.4 0.4 0.4
53,00	157.00	Pinkish cast - K Alteration	20901 20902	152.50 154.00	154.00	1.50 1.50	0.52 0.19	1.
56.00	157.00	Self healed breccia with 5 % py in the matrix	20903	155.50	157.00	1.50	0.61	1.
			20904 20905 20906 20907 20906	157.00 158.50 160.00 161.50 163.00	158.50 160.00 161.50 163.00 164.50	1.50 1.50 1.50 1.50 1.50	1.32 1.32 1.39 0.53 1.12	0.1 1.4 1.2 0.1
<b>65.</b> 00	156.50	Greenish colour to the core - Chlorite Alteration - 5-6% py and po disseminated	20 <b>90</b> 9	164.50	156.00	1.50	1.88	0.
66.75	167.30	Self Healed Breccia					·	
			20910 20911	166.00 167.50	167.50 - 169.00	1.50 1.50	2 <b>.45</b> 0.79	1. 1.
o⁼.5∷ ←	170 <b>.50</b>	Blocky Ground	20912	155.00	170.50	1.80	0.56	1.
			20913 20914	170.50 172.00	172.00 173.50	1.50	2.56	1.
.76.27	176,43	Self Healed Breccia - bleached matrix	20 <b>715</b>	1/3 <b>.5</b> 0	1/5.00	1.%	0.55	Ŷ,

FROM	TO	DESCRIPTION	SAMPLE	FROM	70	WIDTE	Au g_ton	Aç ç_ton
		·	20916	175.00	176.50	1.59	ė.75	ů.7
			20917	176.50	178.00	1.50	1.32	ů <b>.</b> 9
		· ·	20918	1 <b>78.</b> 00	177.50	1.50	1.69	1.0
			20919	179.50	181.00	1.50	3.60	0.7
181.36	182.00	Blocky Ground	20920	181.00	182.36	1.33	1.50	0.Ź
182.36	193.80	NINERALIZED ZONE \ HEL \PLAG PORPHYRY (NZ\86F8410)						
		<ul> <li>medium grey colour, medium grained, massive, strongly altered, very mottled appearance</li> </ul>						
		- Alteration - intense silicification and sericitization						
		- 5-6% recrystallized Quartz grains up to 2 mm in size						
		- 8-10% py disseminated along fractures and as sulphide veins of ccarse py						
			20721	182.36	183.50	1.14	0.54	0 <b>.</b> 7
			20922	183.50	185.00	1.50	0.67	1.0
			20923	185.00	186.50	1.50	1.12	0.3
			20924	186.50	168.00	1.50	2.77	0.4
			20925	188.00	189.50	1.50	1.67	0.3
			20926	189.50	191.00	1.50	1.11	0.6
$\frown$			20927	191.00	192.50	1.50	0.58	1.1
			20928	192.50	193.80	1.30	4,44	1.0
193.80	200.77	BRECCIA \ HBL\PLAG PORPHYRY (BX\NZ\86636)						
·		<ul> <li>light grey colour, very fine grained siliceous fragments of primarily porphyry with some tuff, matrix supported</li> <li>30% angular fragments</li> <li>Alteration - primarily silica</li> <li>8-10% py disseminated and as fracture fillings primarily within the matrix <ul> <li>in a few instances the fragments have been altered to py</li> </ul> </li> </ul>					·	
		- ir Wuartz-Carbonate micro-tracture tillings						
			70979	193,20	195.00	1.78	1.5.	0.5
			20930	193.00	196.50	1.5	0.69	
		· .	20931	175.50	158.00	1.50	0.51	<u>े.4</u>
			20932	198.00	109.50	1.50	0.30	0.3
			26933	179.50	200.77	1.27	0.55	0.Z
200.77	233.50	HBL \ PLAG PORPHYRY (NZ\868d8)						
		<ul> <li>medium grey colour, strongly altered, mottled appearance, medium to coarse grained, massive</li> <li>Alteration - silica with some sericite</li> </ul>						
		<ul> <li>7% Plagioclase chencerysts up to 0.5 cm in size</li> <li>8% py disseminated and as veins up to 5 cm in width at &gt; 45°</li> <li>To green mineral within the matrix - Apatite? or Fluorite?</li> </ul>						
			20934	200.77	202.00		0.75	).é
			20935	202.00	203.50			0.3
			20934	203.56	205.00	1.50	0.31	ù.1
		•	20937	205.00	266.50	5	0,35	1.0
			20939	206.50	208.00		i.43	· •
			20739	203.00	207.50	1.50	0,44	<b>0.1</b>
		·				LINE I		-44

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		ANADA INC. HOLE - PAGE # 8 of 9		-				
FRE	<b>m</b> to	DESCRIPTION	SAMPLE	FROM	TG	WIDTH	Au g_ton	Ag g_ton
			20940	207.50	211.00	1.50	0.61	û <b>.4</b>
212.0	Xi 215.00	Self Healed Breccia	20941	211.00	212.50	1.50	0.23	0.3
			20942	212.50	214.00	1.50	0.17	0.7
215.1	0 216.50	Strong Sericite alteration	20943	214.00	215.50	1.50	0.27	0.6
			20944	215.50	217.00	1.50	0.73	1.0
		· · · ·	20945	217.00	218.50	1.50	0.24	0.5
		• •	20946	218.50	220.00	1.50	0.26	1.2
			20 <b>947</b>	220.00	221.50	1.50	0.53	6.3
			20948	221.50	223.00	1.50	0.46	0.1
		•	20949	223.00	224.50	1.50	0.26	0.2
			20 <b>95</b> 0	224.50	226.00	1.50	0.68	1.1
			20951	226.00	227.50	1.50	1.45	2.9
228 <b>.</b> 7	5 2 <b>28.</b> 96	Breccia Zone in which py has replaced some of the larger fragments						
			20052	777 54	7 <b>78</b> AA	• 50	0.75	<b>9</b> 9
			20702	778 00	217.00	1.50	0.30	7 7
		· ·	20735	227.00	230,00	1.50	0.91	27
232.1	2 232.15	Fault Zone	20134	200.00	232.00	2000	V-01	2.0
$\sim$								
(	X 233 <b>.5</b> 0	10% py in veins	20 <b>95</b> 5	232.00	233.50	1.50	1.35	4.7
233.5	0 235.58	Hel \ Plag Porphyry (8fgenb)						
		<ul> <li>medium grey colour, medium-coarse grained, massive, spotty magnetism</li> <li>moderate amount of hairline fractures through the core</li> <li>Alteration - primarily Silica with sections including Sericite</li> <li>remnant Hornblende altered to py</li> <li>5-SX py disseminated and on fractures as Veins at &gt; 45°</li> <li>Tr Ruartz-Carbonate Veins as fracture fillings</li> </ul>					,	
	•							
			20735	233.50	234.80	1.30	11.16	1./
			2095/	234.80	235.58	0./8	5.36 A 00	2.6
			20958	235.58	237.00	1.42	0.98	1.4
			20959	237.00	238,30	1.50	0.23	V.1
			20960	238.50	240.00	1.50	0.04	0.5
			20961	240.00	241.50	1.50	0.45	0.6
			20962	241.50	243.00	1.50	1.15	0.7
			20963	243.00	244.50	1.50	0.32	0.3
			20964	244.50	246.00	1.50	0.38	.0.7
			20965	2 <b>46.</b> 00	247.50	1.50	0.28	0,4
			20966	247.50	249.00	1.50	0.50	0.5
			20967	249.00	250.50	1.50	0.27	0.5
251.2	254.00	Coarse Grained	20968	250.50	252.00	1.50	9.67	<b>0.6</b>
		- 8% remnant Hornblende altered to py after Chlorite	20969	252.00	253.50	1.50	0.40	1.0
(		- 5% Quartz-Carbonate Veins up to 2 cm in size at 17*						
		$\pm$ 10% fractures infilled with chlorite and by at all angles to the core $\pm$ 6-8% py	,					•

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			20970	253.50	255.00	1.50	0.54	6.4
			20971	255.00	25ć.50	1.50	0.44	<b>0.4</b>
		· .	20972	256.50	258.00	1.50	1.04	0.5
258.00	258.70	Strongly Silicified and Fractured with up to 5% py and po along fractures				•		
			20973	2 <b>58.</b> 00	259.50	1.50	1.03	1.0
260.39	266.50	Re-crystallized Quartz up to 5 cm in size, rimmed and stressed	20974	259.50	261.00	1.50	0.64	2.2
		- 3-4% Quartz-Carbonate veins at 50°	20975	261.00	262.50	1.50	1.05	(° <b>.</b> 9
			20976	262.50	264.00	1.50	0.54	0.6
			20977	264.00	265.50	1.50	0.30	<b>0.</b> 8
266.50	270.18	Coarser grained with remnant Hornblende phenocrysts replaced by py	20979	265.50	257.00	1.50	0.32	1.1
		- similar to 251 to 254	20977	267.00	268.50	1.50	0.32	0.9
			20980	2 <b>68.5</b> 0	270.00	1.50	0.38	<b>0.7</b>
<b>L</b> 7 <b>1</b> 917	112878	- matrix supported, 30% angular fragments up to 2 cm in size - 6-8% py disseminated	10/01	2/0.00	272.00	1.00	0.70	V17
			20982	271.50	273.00	1.50	0.36	0.4
$\frown$			20983	273.00	274.50	1.50	0.26	0.5
			20984	274.50	276.00	1.50	0.18	0 <b>.</b> 7
276.32	286.00	Chlorite and Silica Alteration	20985	276.00	277.50	1.50	0.21	û.9
		- medium to dark green colour	20986	277.50	279.00	1.50	0.16	0.7
		- 5-6% py replacement of Hornblende and as fracture fillings	20987	<b>279.0</b> 0	280.50	1.50	0.32	0.4
			20958	280.50	282.00	1.50	0.21	0.6
			20 <b>989</b>	282.00	283.50	1.50	0.24	0.7
		· · · ·	20 <b>99</b> 0	283.50	285.00	1.50	0.19	0 <b>.9</b>
255,00	291.71	Strongly silicified, fine grained with porphyritic sections up to 30 cm in	20991	285.00	286.50	1.50	0.13	1.4
		ength	20992	286.50	288.00	1.50	0.17	0.2
		4% py predopinantly along fractures	20993	288.00	289.50	1.50	0.23	0.3
		Tr-1% po along fractures	20 <b>994</b>	289.50	291.00	1.50	0.10	0 <b>.</b> 8
			20995	291.00	292.50	1.50	0.29	1.2
			20996	292.50	274.00	1.50	0.13	1.5
			20997	294.00	295.50	1.50	0.14	<b>0.</b> 7
			20998	295.50	297.18	1.58	0.14	0.8
207 19	297 19	FAR						

DLE NO.	цоф												
OLE NO.													
ole no. I Roperty I		NADA	INC.	DI	amond drill hole	Report				Faq	e #1 o	f 2	
DCATION    LAIN NO. ( ARGET TARTED ! INISHED ! ECTION OMMENTS	MC91-57 RED NOW MARC ZOU ORO 1 Sept 3, Sept 7,	NTAIN NE 1991 1951	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY UNECKED BY CORE	-100 -125 1875 6. MacMillan BG TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (.) DRILL CO. DRILL NO. FOREMAN	90 360 90 -60 251.46 FALCON 1000/1 K. Hilien	Depth Dip Azimut 91.4 - 59 082 251.5 - 59 088 251.46	th Test 2 SPER 8 SPER	Depth Jip 221.0 -	Azimutn - 59 O	Test 85 SPEk		
FROM	TO		DESC	RIPTION				SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
SLIMMARY											•		
0.00	15.79	CASING	(CS)										
15.79	52.00	BREDCIA	(BX\G5d5)										
\$2.00	<b>58.7</b> 2	CHLORIT	icaly altere	ed Hall \ Plag P	urphyry (8A7k3)								
58.72	89.08	HEL \ P	lag purphyry	(999a2)									
89.09	87.14	FALLT 9	ouge (FZ)										
<b>89.14</b>	102.00	HBL \ P	lag porphyry	( <b>998a</b> 2)									
<b>102.00</b>	122.98	PERVAGI	VELY SILICIF	TED PLAG PONPH	YRY (888a2)								
<b>127.17</b>	147.20	HBL \ P	lag p <b>orphyr</b> y	( <b>967</b> k3)						·		۰	•
147.20	152.58	FALLT 2	one (FZ)										
152.58	167.73	CHLORIT	ically alter	ed Hel \ plag	PORPHYRY (BABG1)	)							
<b>167.73</b>	205.74	CRYSTAL	TUFF \ CON	se agh tuff \	HILLYPLAG PORPHY	ry (5\2\8A2d1	)						
<b>205.74</b>	220.54	CHLORIT	IC BRECCIA (	(BX A2d1)	•								
220.54	251.46	hajor fi	ault: Zone \	HILL \ PLAG POR	<b>Phyry (FZ\8A2d1</b> )	)							
<b>251.46</b>	251.46	E.O.H.		. ·									

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FROK	TB	DESCRIPTION	SAMPLE	FROM	TO	XIDTH	Au	Ŕą
		·				۰ • • •	o_ton	g_ton
0.00	15.79	CASING (CG)		•				
15.79	52.00	BREICIA (BX\8565)						
		- medium dark grey colour, massive, matrix supported, 30-40% fragments up to 1 cm in size, magnetic			•			
		<ul> <li>The fragments are subangular to angular and of varying composition</li> <li>3% py euhedral cubes disseminated through the matrix and as fracture fillings</li> </ul>						
		- 2% pc disseminated						
		- 1% Quartz-Carbonate fracture and micro-fracture filling						
		- Alteration is predominantly silica						
		- Fine grained magnetite within the matrix						
15.79	21.00	Blocky Ground with ligonite on the fracture surfaces	21051	15.79	17.00	1.21	0.14	ů.9
			21052	17.00	18.50	1.50	0.09	0.1
			21053	18.50	20.00	1.50	0.05	1.0
			21054	20.00	21.50	1.50	0.04	0.7
			21055	21.50	2 <b>3.0</b> 0	i.50	0.06	<b>0.</b> 4
			21056	23.00	24.50	1.50	0.04	0.6
<b>`</b> .			21057	24.50	26.00	1.50	0.06	1.8
			21058	26.00	27.50	1.50	0.06	1.8
			21034	27.30	29.00	1.50	0.66	1.7
29.00	34.00	10-15% Fragments	21060	27.00	30.50	1.50	5.92	8.0
		•	21061	30,50	32.00	1.50	0.27	1.1
			21062	32.00	33.50	1.50	0.45	1.7
			21063	33.50	35,00	1.50	0.27	1.2
			21064	35.00	36.50	1.50	9 <b>.76</b>	1.6
			21065	36.50	38.00	1.50	0.14	1.8
			210 <b>66</b>	38.00	39.50	1.50	0.23	1.4
			21067	39.50	41.00	1.50	0.09	0.8
			21068	41,00	42.50	1.50	0.03	0.9
			21069	42.50	44.00	1.50	0.13	0.1
			210/0	44.00 AE EA	43.30	1.30	0.03	V.4
			210/1	43.30	47.00	1.30	0.10	0.0
			21072	47.00 AG 50	40V 50.00	1.50	0.10	0.2
			21073	40.00 50.00	51 50	1.50	0.11	0.2
			21075	51 50	52.00	0.50	1.41	1.0
52.00	58.72	Chloriticaly altered HBL \ Plag Porphyry (887x3)	210/0	02100	52100	0100	<b>**</b> 7 <b>*</b>	
		- medium dark green colour, medium grained, massive						
		- J-8% Fisglociase euheorai phenocrysts up to 3 am in 512e						
		- 34 Hornbiende phenocrysts altered to chlorite and or po						
_		<ul> <li>Z4 py 0155580108760</li> <li>17 pp disconsisted</li> </ul>						
		- 1A po DISSEMINALEU						

- Alteration is primarily silica and chlorite

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21076	52.00	53.50	1.50	0.59	0.9
21077	53,50	55.00	i.50	19.18	4.2
			HOLE	#: HC91-6	57

SOND GOLD CANADA INC.

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HOLE - PAGE # 3 of 7

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aç ç_ten
			21078 21079 21080	55.00 56.50 58.00	56.50 53.00 58.72	1.50 1.50 0.72	0.84 0.95 0.40	1.1 0.3 0.6
<b>58.</b> 72	87.08	HEL \ PLAG PORPHYRY (868a2)	, <b></b>			••••	••••	
		<ul> <li>light to medium grey colour, medium grained, weakly-moderate porphyritic, massive, spotty magnetism</li> <li>Alteration - primarily silica</li> <li>3-5% zenolith\fragments altered to chlorite and or py</li> <li>1% Hornblende euhedral phenocrysts altered to chlorite and or py</li> <li>5-6% Plagioclase phenocrysts euhedral to subhedral up to 1 mm in size</li> </ul>						
		- Tr Leucoxene - purplish mineral						
		- I-34 py disseminated - Tr Guartz-Carbonate wicro-fracture fillinos						
		- Tr-1% chlorite on fractures						
		- 2-3% py disseminated						
			21081 21082 21083 21084	58.72 60.00 61.50 63.00	80.00 61.50 63.00 64.50	1.28 1.50 1.50 1.50	0.50 0.62 1.03 0.29	2.2 1.2 0.4 1.1
(			21085	64.50	66.00	1.50	0.61	0.2
			21086	66.00	67.50 10.00	1.50	0.43	0.3
			21087	67.30 69.00	69.00 70.50	1.30	0.34	6.9 1.7
			21089	70.50	72.00	1.50	6.22	0.9
			21090	72.00	73 <b>.5</b> 0	1.50	0.42	<b>0.</b> 7
			21091	73.50	75.00	1.50	0 <b>.</b> 37	ŷ <b>.</b> 5
			21092	75.00	76.50	1.50	0.73	1.1
			21073	75.00	70.W	1.30	0.70	0.0 6 1
			1075	75.50	51.00	1.50	0.61	v.e 0.4
			21056	81.00	82.50	1.50	1.75	1.1
		• • • • •			<b>64</b> 34			
62.30	83.31	Urcune Lore	71097 71095	81.30 84.00	84.00 85.50	1.77	1.78	1.7
85.81	89.08	Plagioclase Phenocrysis up to 3 🗰 in size	21079	83.50	87.00	1.50	0.33	1.7
			21100	87.00	8 <b>8.5</b> 0	1.50	0.22	1.1
87,40	59.08	Ground Core						
89.09	87.14	FAULT GOUGE (FZ)						·
87.14	102.00	HBL \ PLAG PORPHYRY (885a2)						
		- similar to 58.72 to 87.08			·			
<u></u>	93.00	- medium green colour with piaglociase phenocrysts up to 3 mm in size	21101	63.50	70,00	1.50	0.91	2.5
		· ,	21102	90.00	91.50	1.50	5.56	3.1 1 a
			21103 21104	71.30 93.00	93100 52.56	1.50	1.07	1.8
			211/7	10,00	77 EVV	1 8 VV	***4	
94,50	95.00	5-8% euhedral Hornblende phenocrysts up to 5 mm in size altered to chlorite $\sim$	21105	94.50	95 <b>.</b> X)	1.50	0.55	1.5

HOLE #: HC91-67

ND GC	ים מו	ANADA INC. HOLE - PAGE # 4 of 7						
FROM	<b>T</b> 0	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq g_ton
<b>96.</b> 00	9 <b>7.</b> 00	Stronger silicification and an increase in py fracture fillings	21106 21107 21108	96.00 97.50 99.00	97.50 99.00 100.50	1.50 1.50 1.50	1.72 1.63 0.93	0. 0. 1.
101.00	102.00	Fractured along the core axis	21109	100.50	102.00	1.50	0.59	1.
102.00	.122.88	PERWIEIVELY SILICIFIED PLAS PORPHYRY (868a2)						
		<ul> <li>-very fine grained, moderate to well bedded\foliated, nonmagnetic</li> <li>foliation\bedding varies from 25°to along the core axis - disrupted by small scale faults</li> <li>Tr-12 py disseminated</li> </ul>			•			
		· · · · · · · · · · · · · · · · · · ·	21110 21111 21112 21113	102.00 103.50 105.00	103.50 105.00 106.50	1.50 1.50 1.50 1.50	0.43 0.50 0.86 0.87	1. 1. 1.
			21113 21114 21115	108.00	109.50	1.50	0.67 0.32	1.
-			21116 21117 21118	111.00 112.50 114.00	112.50 114.00 115.50	1.50 1.50 1.50	0.88	2. 1. 1.
			21119 21120 21121 21122	115.50 117.00 118.50 120.00	117.00 118.50 120.00	1.50 1.50 1.50	0.96 0.51 0.38 0.18	1
			21122 21123 21124 21125	121.50 122.88 124.00	122.88 124.00 125.50	1.38 1.12 1.50	0.19 0.41 0.46	0. 1
27.17	147.20	HBL \ PLAG PORPHYRY (867k3)	21126	125.50	127.17	1.67	0.46	0
		<ul> <li>medium dark grey colour, medium grained, massive, porphyritic, nonmagnetic</li> <li>3% Hornblende phenocrysts up to 3 mm in size altered to chlorite and or py</li> <li>5% Plagioclase sausseritized phenocrysts up to 2mm in size with sections up to 1 cm in size</li> </ul>						
		<ul> <li>3% py disseminated and as an alteration product of the Hornblende . phenocrysts</li> </ul>	•					
27.17	136.25	Breccia Contact - matrix supported - 25% fragments up to 3 cm in size in a fine grained matrix - 3-5% py disseminated in the matrix - 1% green colour amorphous mineral - Fluorite? or Apatite?	21127 21125	127.17 128.50	128.50 130.00	1.33 1.50	0.28 0.26	1 0
(		•	21129 21130 21131	130.00 131.50 133.00	131.50 133.00 134.50	1.50 1.50 1.50	0.45 0.16 0.17	0 1 1
35.00	147.20	<ul> <li>Fervasive silicification has obliterated the remnant textures</li> <li>strongly fractured, infilled with Quartz-Carbonate, py and po</li> </ul>	21132 21133	134.50 136.00	13 <b>6.</b> 60 137 <b>.5</b> 0	1.50 1.50	0.23 0.43	1 1

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			21135	135.00	140.50	1.50	0.21	Û.9
		· ·	21136	140.50	142.00	1.50	0.13	1.0
			21137	142.00	143.50	1.50	0.36	ù.5
			21138	143.50	145.00	1.50	0.23	0.8
			21139	145.00	147.20	2.20	<b>0.22</b>	1.0
147.20	152.58	FALLT ZONE (FZ)						
		<ul> <li>Gouge with silicified porphyry fragments up to 30 cm in length</li> <li>3-5% py disseminated within the fragments</li> </ul>	•					
140 07	1EA 68	Character attinid anothers, correctly for-sured with 50 ms	21146	147 26	149 00	1.86	0.04	1.5
140.00	100.00	scrongly slitclited porphyry, scrongly fractored with 34 py	71141	147.10	150 50	1,50	0.05	0,5 A 6
			21141	150 50	157.60	1.50	0.00 A 10	1.8
			71142	152.00	152.58	0 <b>5</b> 8	0.05	7.4
152.58	167.73	CHLORITICALLY ALTERED HEL \ PLAG PORPHYRY (BABUL)	21175	192100	102,00	v	V#VU	
(		<ul> <li>medium green colour, fine to medium grained, massive with brecciated, porphyritic and ground sections, very blocky, nonmagnetic</li> <li>3% Flagioclase sausseritized euhedral phenocrysts</li> <li>Alteration - primarily chlorite with silica</li> <li>up to 1% py disseminated and along fractures</li> <li>Tr Guartz-Carbonate fracture fillings</li> </ul>				•		·
		•	21144	152.58	154.00	1.42	0.14	2.2
154.00	155.00	Blocky Ground - gouge along fractures						
			21145	154.00	155.50	1.50	0.23	2.7
			21146	155.50	157.00	1.50	0.08	1.8
			21147	157,00	158.50	1.50	0.07	6.2
			21148	1 <b>58.</b> 50	160.00	1.50	0.07	2.0
			21149	150.00	161.50	1.50	0.07	2.1
			21150	161.50	163.00	1.50	0.05	1.3
			21151	165.00	164.50	1.50	0.06	1.7
		•	21152	164.50	166.00	1.50	0.10	2.1
166.00	167.73	Elocky Ground - Ground Core	21153	166.00	167.00	1.00	0.06	1.3
			21154	167.00	167.73	0.73	0.06	1.5
167.73	205.74	CRYSTAL TUFF \ CONRSE AGH TUFF \ HOLVPLAG PORPHYRY (5\2\8A2d1)						
·		<ul> <li>sections</li> </ul>						
		- Alteration is primarily chlorite and silica						
		<ul> <li>3-5% morphience euhedral phenocrysts up to 5 mm in size with weak alteration</li> <li>1-2% Feldspar euhedral phenocrysts up to 5 mm in size</li> <li>3r-1% Quartz- Carconate fracture fillings at 50° and along the core axis</li> <li>3r p, disseminated and as fracture fillings</li> </ul>						
			21155	167.73	169.00	4.27	0.13	1.2
(			21156	169.00	170.50	1.50	0.10	1.9
	-		21157	170.50	172.00	1.50	0,10	0.6
			21158	172.00	173.50	1,50	6.05	1.3
			21159	173.50	175.00	1.50	·).(4	0.7

## HOLE 4: HC91-67

HOLE - PAGE \$ 5 of 7

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SOND GOLD CANADA INC.

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HOLE - PAGE # 6 of 7

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FROM	TO	DESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	ئيو g_ton
	· · ·						·.	
176.26	176.63	Ground Core	21160	175.00	175 <b>.5</b> 0	1.50	0.06	0 <b>.</b> 5
			21161	176.50	178.00	1.50	0.04	0.7
			21162	175.00	179.50	1.50	0.04	0.8
			21165	179.50	181.00	1.50	0.04	0.4
			21164	181.00	182.50	1.50	0.04	<b>0.</b> 7
		•	21165	182.50	184.00	1.50	0.07	1.0
185.00	205.40	Rieached colour with increasing X of Quartz-Carbonate Veins as fracture	21166	184.00	185.50	1.50	0.06	1.2
100100	2001/0	fillings	21167	185.50	187.00	1.50	0.04	1.2
		**************************************	21168	187.00	188.50	1.50	0.03	1.1
183.25	185.40	Guartz-Carbonate Breccia - Guartz-Carbonate matrix with tuffaceous fragments						
			71169	188.50	190.00	1.50	0.06	0.T
			21170	190.00	191.56	1.50	0.04	0.5
			71171	191.50	193.00	1.50	0.05	1.2
			7:177	193.00	194.50	1.50	0.05	1.0
			71173	194.50	196.00	1.50	6.05	1.3
			21174	195.00	197.50	1.50	0.05	- 0.9
_		•	21175	197.50	199.00	1.50	0.05	t.à
$\bigcap$			21176	199.00	200.50	1.50	0.07	1.0
1			71:77	200.50	2007.00	1.50	0.09	ú.9
			21178	202.00	703150	1.50	0.07	0.=
			71179	203.50	205.00	1.50	0.67	1.1
			21180	205.00	205.74	0.74	0,04	1.8
205.74	220.54	CHLORITIC BRECCIA (BX A201)						
		<ul> <li>medium to dark green grey colour clast supported preccia with a chlorite and silica rich matrix and porphyry fragments up to 20 cm in size, nonmagnetic</li> <li>40% angular fragments</li> <li>Tr-1% pV disseminated through the matrix</li> </ul>					۰	
			21181	-265.74	207.00	1.26	0.09	1.3
		• • • • • • • • • • • • • • • • • • •	21182	207.00	208.50	1.50	0.09	2.2
•			21183	208.50	210.00	1.50	0.15	1.8
			21164	210.00	211.50	1.50	0.05	1.3
			21185	211.50	213.60	1.50	<b>0.0</b> 3	1.6
			21186	217.00	214.50	1.50	0.04	1.8
			21187	214.50	216.00	1.50	0.04	1.0
			21135	216.00	217.50	1.50	0.03	2.1
			21189	217.50	<u>119.90</u>	1.50	<u>े.04</u>	1.5
219.30	117.35	Fault Gouge						
		· · ·	71190	719.60	776.54	1.54	. 0.04	1.5
220.54	251.46	NAJOR FAULT ZONE \ HBL \ PLAG PORPHYRY (FZ\8A2d1)	444 V	1198WV	14.0103	* I ¥ 1	- 9897	
$\int$								
		- medium to bark green colour, medium grained, ground core with tew sections						

of over 5 cm in length, similar to 167.73 to 205.74

- Alteration is primarily chlorite

- Tr epidete on some of the fracture planes

- Tr avanite on some of the other fracture planes

BOND GOLD CANADA INC.

TC	DESCRIPTION	SAMPLE	FROM	TØ	WIDTH	AU	μġ
						g_ton	o_ton

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- Tr Sulphides

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251.46 251.46 E.O.H.

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		ANADA INC.	D	anond drill hole	: report					Fage	• #1 c	nt 2	
LE NO. OPERTY	hc71-61 Red Moi	ntain Easting	-2.04 2.88	dh comp. Bear Grid Orient.	90 360	Depth 91.4	Dip Az - 45	ziauth Test 090 SPER	Depth Dip 152.4 -	Azimuth 48 09	Test 0 ACID		
ATION	MARE Z	INE ELEVATION Subu E	1939.37	DH GRID AZ.	90 -45								
GET	000 1	SURV. E.		LENGTH (#)	157.27								
RTED	Sept 6	1991 LOGGED BY	6.MacMillan	DRILL CO.	FALCON								
NISHED CTION	Sept 7	, 1991 CHECKED B CORF	Y RUTM	DRILL NU. FORFMAN	1000/1 K.Hillen								
MENTS	Target ·	- Trench Assays and	Topo Feature to	East of the Mar	т			•					
FROM	то	DE	SCRIPTION					SAMPLE	FROM	TO	WIDTH	Au g_ton	Aç g_tan
90.00	2.13	Casing (CG)											
2.13	13.70	HIL \ PLAS PORPHY	IY ( <b>99</b> 6t2)										
工70	27.34	CHLORITICALLY ALTI	<b>FED PORPHRRY</b> \	COARGE AGH TUFF	(8\247d2)								
z7 <b>.34</b>	27.40	FALLT ZONE											
27.40	39.76	INTERCALATED ARGI	lite and tuff (	IAT\1 d2)	·								
70 7L	AE 70	DOCTOTA /DVA											
J70/0	43.30	DHELLIN (DA)											
45.30	43.30 69.63	INTERCALATED ARGIN	lite and tuff (	IAT\1\13A6t6}								,	
45.30 69.63	43.30 69.63 69.90	INTERCALATED ARGIN	LITE AND TUFF (	IAT\1\13A6t6}								۰	
45.30 69.63 69.80 74.45	43.30 69.63 69.90 74.65	INTERCALATED ARGIN FAULT GOUGE (FZ) CONTACT BREECIA ((	LITE AND TUFF ( 22 \ BX)	IAT\[\]3A646}									
45.30 69.63 69.80 74.65	45.30 67.63 67.80 74.65 145.08	INTERCALATED ARGI FALLT GOUGE (FZ) CONTACT BRECCIA (( HBL \ PLAG PORPHY FALLT ZONE (F7)	LITE AND TUFF ( 27 \ BX) 17 (884d1)	IAT\1\13A6t6}				·					
45.30 69.63 69.80 74.65 145.08	45.30 69.63 69.80 74.65 145.08 157.27	INTERCALATED ARSI FAULT GOUGE (FZ) CONTACT BRECCIA (I HBL \ PLAG PORPHY FAULT ZONE (FZ)	LITE AND TUFF ( 27 \ BX) 17 (804d1)	IAT\1\13A6t6}				·					
45.30 69.63 69.80 74.65 145.08 157.27	45.30 69.63 69.80 74.65 145.08 157.27 157.27	INTERCALATED ARSTI FAULT GOUBE (FZ) CONTACT BRECCIA (I HBL \ PLAG PORPHY FAULT ZONE (FZ) E.O.H.	117E AND TUFF ( 22 \ BX) IV (804d1)	IAT\1\13A646}				•					•

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FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	Ag g_ton
0.00	2.13	CASING (CB)					•	
2.13	13.70	HEL \ PLAG PORPHYRY (86612)						
	X	<ul> <li>medium dark grey colour, medium to coarse grained, massive, weakly porphyritic, spotty magnetism</li> <li>5% plagioclase euhedral phenocrysts up to 2 mm in size</li> <li>Tr-1% Hornblende phenocrysts up to 2 mm in size altered to chlorite</li> <li>2% ny disseminated and along the fractures</li> </ul>			•			
		<ul> <li>Tr-1% po disseminated and along fractures</li> <li>Tr sphalerite near fracture fillings</li> <li>Tr-1% limonite on fracture planes</li> </ul>						
2.13	5.00	Blocky Ground	21201 21202	2.13 3.50	3.50 5.00	1.37 1.50	0.07 0.07	1.0 1.0
			21203 21204 21205 21206	5.00 6.50 8.00 9.50	6.50 8.00 9.50 11.00	1.50 1.50 1.50 1.50	0.12 0.07 0.09 0.08	1.1 1.2 1.9 1.4
( no	27.34	Chloritically altered porphyry \ coarse ash tuff (8\2a7d2)	21207 21208	11.00 12.50	12.50 13.70	1.50 1.20	0.19 0.25	1.2 0.8
		<ul> <li>dark green colour, coarse grained, massive, magnetic</li> <li>Alteration is primarily Chlorite and Silica</li> <li>up to 27 py and po disseminated and along fractures</li> </ul>						
		<ul> <li>- up to 1% Sonalerite primarily along fractures</li> <li>- Tr Limonite on fracture surfaces</li> </ul>						
•			21209 21210 21211	13.70 15.00 16.50	15.00 16.50 18.00	1.30 1.50 1.50	0.28 0.46 0.30	1.4 0.9 0.7
			21212 21213 21214	18.00 19.50 21.00	19.50 21.00 22.50	1.50 1.50 1.50	0.52 0.35 1.97	2.0 0.7 1.5
25,11	23.37	Breccia - Guartz-Carbonate matrix with angular porphyry fragments						
۰. ،			21215 21216 21217	22.50 24.00 25.50	24.00 25.50 26.50	1.50 1.50 1.00	0 <b>.87</b> 0.82 0.77	1.2 0.5 0.8
27.34	27.40	FAULT ZONE						
		- Limonitic Bouge	·.					
<u></u>	39.74	INTERCALATED ADDILLITE AND THEF (IAT\1 d2)	21218	26.50	27.40	0.70	<b>0.6</b> 7	2.0

- medium to dark grev colour, generally well banded with coarser tuffaceous sections up to 30 cm long, weakly brecciated sections, spotty magnetism

- 1-2% Porphyry intrusions up to 30 cm in size with angular fragments of IAT

- 1% Sphalerite disseminated and along fractures

TROM	TG	DESCRIPTION	SANPLE	FROM	TO	WIDTH	Au g_ton	ika g_ten
		- Tr-1% py and po disseminated - Bedding\Banding						
			21219	27.40	28.50	1.10	0.40	5.0
29.00	3 <b>5.</b> 00	Blocky ground with limonite on the fracture planes	21220 21221	28.50 30.00	30.00 31.50	1.50 1.50	0.81 0.68	7.6 4.2
			21222 21223 21224	31.50 33.00 34.50	33.00 34.50 36.00	1.50 1.50 1.50	0.71 0.80 6.74	17.0 3.6 1.5
<b>36.</b> 30	37.00	Tuff		0.1100	, contro	1100		••••
		· · ·	21225 21226	36.00 37.50	37.50 37.00	1.50 1.50	0.50 0.73	1.8 2.9
<b>39.</b> 00	39.76	Tuff · ·	21227	39.00	39.76	0.76	1.65	ź.0
39.76	45.30	BRECCIA (BII)						
<u>(</u>		<ul> <li>medium grey colour, medium grained matrix with 30% angular fragments of IAT</li> <li>3% py disseminated within the matrix and within the various fragments</li> <li>Tr lime green mineral - Fluorite? or Apatite?</li> <li>Tr Buartz-Carbonate fracture fillings</li> <li>Tr Limonite on fracture surfaces</li> </ul>		·				
			21228 21229 21230	3 <b>₹.76</b> 41.00 42.50	41.00 42.50 44.00	1.24 1.50 1.50	0.86 1.01 0.89	2.3 4.8 23.3
45.30	69.63	INTERCALATED ARGILLITE AND TUFF (IAT\1\13A6t6)	21231	44.00	45.30	1.30	1.58	151.0
		<ul> <li>dark grey to black colour, generally fine grained, well bedded/banded with sections of up to 2 m of coarser tuff and or porphyry material .</li> <li>origany alteration is chlorite.</li> </ul>					•	-
		<ul> <li>some weak folding and slumping of bands</li> <li>3% py and co disseminated and along fractures</li> <li>3-5% Sphalerite disseminated and along fracture surfaces</li> </ul>						
		- Tr limonite on fracture surfaces - Tr Quartz-Carbonate fracture fillings - Redding/Randing - 3.45 g - 30° - 357 g - 41°					•	
		ē 48 p 49°	•				·	
<b>~</b> .	·	· · ·	21232 21233 21234	45.30 46.50 48.00	46.50 48.00 47.50	1.20 1.50 1.50	0.60 0.82 0.31	22. 24. 21.
	•		21235	45.50	50.72	1.22	0.23	6.4
50.71	52,40	Silicified Porphyry section	21236	50.72	51.50	0.78	0.35	• 1.

## HOLE - PAGE # 3 of 5

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HOLE 1: HC91-68

# BOND GOLD CANADA INC. HOLE - PAGE & 4 of 5

(	From	TO	DESCRIPTION	SAMPLE '	FROM	TO	Kicth	Au g_ton	Ag g_tan
	3.48	53.98	Medium Grained Tuff	21238	52.40	53.50	1.10	0.73	4.8
				21239 212 <b>4</b> 0	53.50 55.00	55.00 55.50	1.50	0.84 0.59	5.9 2.5
5	7.00	60 <b>.8</b> 0	Medium Grained Tuff	21241 21242	56.50	58.00 59.50	1.50 1.50	0.37 0.28	3.5 1.4
6	2.20	62.40	Tuffaceous Interbed	21243	59.50	61.00	1.50	0.20	1.7
				21244	61.00	62.50	1.50	0.34	3.9
6	3.30	64.07	Breccia - silicified matrix with 15% angular IAT fragments	21245	62.50	64.00	1.50	9.13	1.7
6	4.24	5 <b>4.</b> 37	Fold Nose						
6	4.43	64.50	Breccia - similar to 63.30 to 64.07						
(	<b>`</b> .			21246 21247	64.00 65.50	65.50 67.00	1.50 1.50	0.16 0.07	1.5 1.8
6	19.63	69.80	FALLT GOLGE (FZ)	21248	0/.W	- 08.JU	1.30	V./7	
6	9.80	74.65	CONTACT BREECIA (CZ \ BX)	21249	68.50	69.E0	1.30	0.20	1.2
			<ul> <li>medium dark grey to black, matrix supported, angular fragments in a chloritic matrix</li> </ul>						
			<ul> <li>40% fragments primarily of porphyry composition</li> <li>matrix is weakly to moderately porphyritized</li> </ul>			·			
				21250 21251 21252	67.80 71.00 72.50	71.00 72.50 74.00	1.20 1.50 1.50	0.04 0.08 0.02	1.4 1.2 0.9
7	74.65	145.08	HEL \ PLAG PORPHYRY (804d1)	21253	/4,00	/4.62	0.63	0.01	U.3
		· .	<ul> <li>medium grey to green colour, medium coarse grained, massive, porphyritic with varying degrees of silicification</li> <li>EX Hornblende phenocrysts up to 5 mm in size commonly altered to chlorite</li> <li>3-5% Plagicclase sausseritized euhedral phenocrysts up to 3 mm in size</li> <li>Alteration - weak silicification and chloritization</li> <li>3% Chlorite primarily on fracture surfaces and as an alteration product of the Hornblende phenocrysts</li> </ul>			·			·
$\int$			- Tr Guartz-Jardonate Veins		•	•			
	•		•	21254 21255 21255	74.65 76.00 77.50	75.00 77 <b>.5</b> 0 79.00	1.35 1.50 1.50	0.01 0.02 0.05	0.7 0.5 1.0

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BOND GOLD CANADA INC.

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HOLE - PAGE # 5 of 5

( ) FROM	TO	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au o_ton	Aq g_ton	
	. • •			21257	79.00	89.50	1.50	0.01	0.8	
				21258	80.50	52.00	1.50	0.01	1.1	
				21259	82.00	83,50	1.50	0.52	0.9	
			, .	21260	83.50	85.00	1.50	0.01	1.4	
				21261	85.00	86.50	1.50	0.03	1.3	
				21262	86.50	85.00	1.50	0.01	1.6	
				21263	85.00	87.50	1.50	0.02	1.7	
131.90 1	132.00 Fault Gouge			21264	89.50	91.00	1.50	0.02	1.7	

- 135.45 136.20 LOST CORE

132.00 145.08 Stronger Alteration - decrease in grain size to medium grained with 2% phenocrysts

### 145.08 157.27 FALLT ZONE (FZ) - gouge with a few comphyry fragments over 2 cm in size

157.27 157.27 E.O.H.

	old cana	da inc.	D	iamond drill hole	REPORT						Faq	e #i o	f I	
KOLE NO. AROPERTY LOCATION LAIN NO. ARGET STARTED TINISHED SECTION COMMENTS	MC91-69 RED MOUNTAI MARC ZONE ORO 1 Sept 7, 199 Sept 8, 199	NORTHING N EASTING ELEVATION SURV. E. SURV. N. 1 LOGGED BY 1 CHECKED BY CORE	-060 000 1898 G.MacMillan BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL NO. FOREMAN	080 360 080 -45 92.96 FALCON 1000/1 K.Hillen	Depth 45.7	Dip A - 45	zimuth 060	Test ACID	Depth Dip 93.0 -	Azimuth 45 O	Test 80 ACID		
FROM	TO	DESC	RIPTION	<u> </u>				5	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
SIMAR	Ŷ													
0.00	6.00 CAS	ING (CG)		•										
6.00	13.90 BED	DED FINE GRAINED	TUFFACEDUB 9	ediments (IAT/114	d1)				•			•		
13,90	57.26 HET	HEROLITHIC BRECC	IA (BX\19 <b>Ma</b> 5	) .										
57 <b>.26</b>	57.52 FAL	LT ZONE (FZ)						•						
57.52	62.48 MED	iun grained ash	TUFF (2Md5)											

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- 62.48 67.86 HETHEROLITHIC BRECCIA (BX\1994t4)
- 67.86 73.15 SILICIFIED PURPHINKY (88743)
- 73.15 78.21 COARSE ASH TUFF (20441)
- 78.21 78.30 FALLT ZONE (FZ)

an film and an a

- 78.30 92.96 COARSE ASH TUFF (284d1)
- 92.96 92.96 E.O.H.

SOND GOLD	CANADA	INC.
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C ) FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	ig e_ton
0.00	6.00	CASING (CS)		. •				
6.00	13.90	REDUED FINE GRAINED TUFFACEDUB SEDIMENTS (IAT\114d1)						·
		- dark grey colour, very fine grained, well banded\bedded with massive				. •		
		Sections, Strongly magnetic - minor small scale faults and slumn features percendicular to beddion						
		- core is blocky - due to being the upper part of the hole						
		- 3% limonite on fracture surfaces						•
•		<ul> <li>tr-1% py and po as fracture filling and disseminated</li> </ul>						
		- tr-1% Guartz-Carbonate fracture filling at all angles to the core		•				
		- Heoding @ 10.51 m - 35"						
			21301	6.00	7.50	1.50	0.16	2.1
			21302	7,50	9.00	1.50	0.03	1.7
			21303	9.00	10.50	1.50	0.21	2.4
•			21304	10 <b>.5</b> 0	12.00	1.50	0.02	1.6
·			21305	12.00	13.00	1.00	0.01	1.8
			21306	13.00	13.90	0.90	0.02	1.8
13.90	57.26	HETHEROLITHIC BREICIA (BX/1994a5)	• •			•		
		<ul> <li>Bark grey to state croot, merida greined active with subangular to rounded clasts of various ccaposition, magnetic</li> <li>Matrix supported - 30% clasts of Argillite, Tuff and Porphyry</li> <li>2% py disseminated and along fractures</li> <li>2% po disseminated and along fractures</li> <li>Tr cpy disseminated, often intermixed with po</li> <li>Tr Buartz-Carbonate fracture fillings</li> <li>Tr Limonite on some of the fracture surfaces</li> </ul>						
			21307	00 71	14 50	0.40	0.02	ίΔ
			21308	14.56	14.00	1.50	0.04	0.9
			21309	16.00	17.50	1.50	2.54	5.5
			21310	17.50	19.00	1.50	0.08	0.7
			21311	17.00	20.50	1.50	0.18	0.2
			21312	20.50	22.00	1.50	0.54	0.2
			21313	22.00	23.50	1.50	0.04	0.3
			21314	23.50	25.00	1.50	0.43	0.2 0.2
			21315	25.00	25.50	1.50	0.0/	0.9
25,96	29.00	Tuffaceous Section - Weakly porphyritic with 5% feldspar euhedral phenocrysts up to 1 mm in size	21316	26.50	28.00	1.50	0.50	0.9
			21317	28.00	29.50	1.50	0.02	0.8
			21318	24.50	31.00 77 EA	1.50	0.0Z A 70	V.S 1 A
		·	21317 21320	31.00 77 50	32.30 38.00	1.5V 1.5A	0.33	2.0
(			21320	32.30 74.00	35.50	1.50	0.18	1.9
			21322	35.50	37.00	1.50	0.21	3.5
		,	21323	37.00	38.50	1.50	1.62	4.6
			21324	38.50	40.00	1.50	0.09	0.4
40.13	40.22	Fault Gouge						

FIGN         TO         DESCRIPTION         SAMPLE         FIGN         TO         NUTH         40         Ap           40.22         41.15         Silicities and Bleached         2122         40.06         41.52         1.56         0.73         0.46           2122         41.05         Silicities and Bleached         2122         40.06         41.52         1.56         0.73         0.46           2122         41.05         Silicities and Bleached         2122         41.06         41.52         1.56         0.02         0.47           47.86         50.27         10-151         Sulphides - Py/Po/Day         2122         45.06         41.52         1.56         0.02         0.47           47.86         50.27         10-151         Sulphides - Py/Po/Day         2123         45.00         1.56         2.31         27.00           47.86         50.27         1.55         0.02         0.41         1.56         2.31         27.00         0.46         1.32         1.36         0.40         2.32         2.30         57.35         57.36         1.50         1.35         0.41         1.35         2.31         27.00         1.56         1.35         2.32         2.33         2.35 <th>BOND G</th> <th></th> <th>ANADA INC. HOLE - PAGE # 3 of 4</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	BOND G		ANADA INC. HOLE - PAGE # 3 of 4						
40.22       41.15 Silicified and Bleached       2125       40.00       41.25       1.50       0.33       0.46         2125       40.00       41.25       15.30       63.00       1.30       0.04       0.42         2125       41.35       63.00       1.30       0.02       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.22       0.23       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.20       0.2	FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_tor
4.12       4.15       1111116 and predene         21227       40.06       41.52       1.50       0.06       0.42         21237       45.06       41.50       1.50       0.02       0.22         21257       45.06       41.50       1.50       0.02       0.22         21257       45.06       41.50       1.50       0.02       0.27         21257       45.06       41.50       1.50       0.02       0.27         21257       45.06       41.50       1.50       0.02       0.27         21257       45.06       41.50       1.50       0.02       0.27         21257       45.06       41.50       1.50       0.02       0.47         21250       45.05       50.55       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50       51.50 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2122       40.00       1.50       6.53       0.64         2123       41.50       41.50       41.50       1.30       0.43       0.42         2123       41.50       41.50       41.50       1.30       0.42       0.22         2123       44.50       44.50       1.30       0.42       0.42         2123       44.50       44.00       1.30       0.42       0.4         2123       44.50       44.00       1.30       0.42       0.4         2123       45.00       45.00       1.30       0.42       0.4         2123       45.00       45.00       1.30       0.40       1.30       0.40         2133       45.00       45.00       1.30       0.40       3.3       1.60       1.33       0.40       3.3         2133       55.00       35.00       1.50       1.30       0.40       3.3       2.33       25.00       1.50       1.30       0.40       3.3       2.33       25.00       1.50       1.30       0.40       1.21       2.33       2.43       2.45       5.55       5.55       7.26       0.45       1.77       6.12         77.25       Sarer       5.55 <td>40.22</td> <td>41.13</td> <td>SHICITLED AND BLEACHED</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	40.22	41.13	SHICITLED AND BLEACHED						
2132       41.30       43.00       43.00       1.30       0.68       0.42         2137       43.00       44.00       1.50       0.02       0.2         2137       44.30       44.00       1.50       0.02       0.2         2137       44.30       44.00       1.50       0.02       0.7         2137       44.30       44.00       1.50       0.02       0.7         2137       44.30       44.00       1.50       0.02       0.7         2137       47.00       47.00       1.50       0.62       0.7         2137       47.00       57.00       57.00       57.00       1.50       0.43       5.7         2133       47.00       57.00       57.00       1.50       0.43       5.2       1.37       6.13       6.43       5.2         2133       57.20       57.25       58.50       1.24       0.44       5.1         2135       57.20       59.50       1.27       6.137       6.1       5.1         77.25       59.51       1.24       0.44       5.1       1.23       5.5       6.20       1.24       0.44       5.1         2136       67.50				21325	40.00	41.50	1.50	0.33	0.6
2137       37.0       4.0       4.0       1.30       0.02       0.02         2138       4.30       4.0       1.50       0.20       0.7         2139       4.00       47.50       1.50       0.02       0.7         2139       4.00       47.50       1.50       0.02       0.4         2130       47.50       47.00       1.50       0.22       1.50       0.43         2131       49.00       50.51       1.50       0.45       57.7       1.50       0.45       57.7         2133       57.00       57.00       1.50       0.45       57.7       1.50       0.45       57.2         57.25       57.25       57.26       57.26       57.26       0.75       0.75       0.76       0.75       0.76       1.50       0.45       57.2         57.26       57.27       Souge       57.27       50.05       7.26       0.77       50.07       1.50       0.45       1.57       6.13         57.25       Souge       57.57       Souge       57.57       56.50       57.26       1.50       2.76       53.37         57.25       Souge       1.57       Souge       1.57       5				21326	41.50	43.00	1.50	0.06	0.4
<ul> <li>2133 4.00 1.30 6.00 1.50 0.02 0.7 2137 46.00 47.30 47.00 1.50 1.50 0.20 0.4 2130 47.00 47.00 1.50 1.50 1.62 11.7</li> <li>47.00 47.00 47.00 1.50 1.62 11.7</li> <li>2131 47.00 47.00 1.50 1.62 1.37 2133 52.00 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1</li></ul>				21327	43.00	44.50	1.50	0.02	0.2
21207       40.00       47.30       1.50       0.02       0.02         47.80       50.25       10-153 Sulphides - Py,Po,Epy       2130       47.00       1.50       1.52       11.7         47.80       50.25       10-153 Sulphides - Py,Po,Epy       2131       47.00       1.50       6.33       3.7         2133       50.05       55.00       1.50       0.43       3.7         2133       50.05       55.00       1.50       0.45       3.7         2133       55.05       57.26       0.75       1.57       6.45         57.26       57.37       50.09       5.50       57.26       0.75       1.57         57.26       57.37       50.09       5.50       57.26       0.75       1.57       6.1         57.27       50.09       55.50       57.26       0.75       1.57       6.1         57.27       50.09       57.27       50.09       1.50       1.57       6.1         57.28       57.27       50.09       7.28       58.50       1.74       0.44       3.1         57.28       58.50       1.50       1.57       5.3       1.42       0.44       3.1         57.28				. 21328	44.50	46.00	1.50	0.20	0.7
49.80       50.75       10-151 Sulphides - Py,Po,Dpy       21.50       47.50       47.60       1.50       2.31       29.60         21.53       47.60       50.75       10-151 Sulphides - Py,Po,Dpy       21.53       47.60       50.50       52.00       1.50       6.63       3.7         21.53       50.50       52.00       1.50       6.63       3.7       21.53       55.00       50.50       50.60       1.50       6.63       3.7         21.53       55.00       55.00       1.50       6.63       3.7       21.53       55.00       50.50       50.60       1.50       6.63       3.7         21.55       55.50       57.26       0.76       1.37       51.8       6.53       55.50       57.26       0.76       1.38       6.5         57.25       Sauge       57.57       Gouge       21.57       55.50       57.26       0.76       1.37       51.8         57.25       Sauge       57.57       Gouge       57.57       Sauge       1.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57       51.57 <td< td=""><td></td><td></td><td></td><td>21529</td><td>46.00</td><td>4/.50</td><td>1.50</td><td>0.02</td><td>0.4</td></td<>				21529	46.00	4/.50	1.50	0.02	0.4
2133       49.09       50.50       1.50       2.31       27.0         2133       50.50       52.00       1.50       0.43       3.7         2133       53.00       55.00       1.50       0.43       3.7         2133       53.00       55.00       1.50       0.43       3.7         2133       55.00       55.00       1.50       0.43       5.2         2133       55.00       55.00       1.50       0.43       5.2         2133       55.00       55.00       1.50       0.43       5.2         2133       55.00       55.00       1.50       0.45       5.2         2133       55.00       57.20       0.75       1.57       6.1         7.25       57.27       Baartz-Carbonate Breccia       -       -       -         7.72       57.28       Baartz-Carbonate Breccia       -       -       -         7.72       57.28       Baartz-Carbonate Bracture filling precisionative at low angles to the core axis       -       -       -         2137       57.25       58.50       1.24       0.44       5.5         62.48       67.68       REMERLINIC MECIA (RUMMM)       -       -	49.80	50.29	10-15% Sulphides - Py,Po,Cpy	21530	4/.00	47.00	1.00	1.82	11.7
2133       97.00       97.00       97.00       1.50       6.53       5.7         2133       52.00       1.50       6.53       5.7         2133       52.00       55.00       55.00       1.50       6.63       5.3         2133       52.00       55.00       55.00       1.50       6.65       1.50       6.65         57.26       57.37       Souge       2133       55.00       57.26       0.76       1.57       5.1         57.26       57.37       Souge       7       7.52       Burtt-Carbonate Bretcia       2133       57.26       0.76       1.57       5.1         57.32       62.49       MEDIM BRAIREA MA TUFT (2005)       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -									<b></b> .
2133       50.39       21.30       1.30       0.43       3.7         2133       52.00       1.50       0.43       5.7         57.26       57.32       FALT ZDE (F7)       2135       55.00       1.50       0.45       2.22         57.26       57.37       Souge       7.73       Sourtz-Carbonate Breccia       2135       55.00       57.26       0.76       1.57       6.1         57.26       57.37       Souge       7.75       Buartz-Carbonate Breccia       77       57.32       Buartz-Carbonate Breccia         57.32       C4.48       MEDIM EDALED AGH TUFF (2045)			$\cdot$ , $\cdot$	21331	49.00	50.50	1.50	2.31	27.0
2133       32.00       31.30       1.30       0.40       5.3         2133       32.00       30.30       1.50       1.38       6.3         2133       55.00       56.50       57.26       57.26       57.27       5.12         57.26       57.37       Souge       2135       55.50       57.26       0.76       1.57       6.1         57.26       57.37       Souge       37.32       Buartz-Carbonate Breccia       2135       55.50       57.26       0.76       1.57       6.1         57.32       Quartz-Carbonate Breccia       37.37       State St				21332	50.50	52.00	1.50	0.63	3./ 7 7
2135       53.00       61.00       1.00       1.00       5.2         2135       53.00       55.00       57.26       0.76       1.57       5.1         57.26       57.37       Bouge       7       57.52       60.07       1.57       5.1         57.26       57.37       Bouge       7       57.52       60.07       1.57       5.1         57.32       62.48       MEDIUM GRANES AN THEF (2MAGS)       -       -       -       -       -         -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -				21000	32.00 57.50	33.30	1.50	0.40	3.3 6 7
21333       30:00       60:00       1:50       0:00       1:42         57.26       57.32       FALI ZDE (FZ)       21335       55.50       57.26       0.76       1.57       6.1         57.26       57.37       Souge       37.52       Buartz-Carbonate Breccia       57.32       6.1       57.33       57.35       Buartz-Carbonate Breccia         57.32       62.48       MEDIUM GMINES AGH TUFF (2045)       - setium to dark grey black, coarse grained, assive, spotty aggnetise       - 4iteration - Chlorite				21009	33,30 55.00	33,00	1.50	1.00	0.J
57.26       57.37       FALLI ZOPE (FZ)       FALLI ZOPE (FZ)         57.26       57.37       Souge       57.37       Souge         .77       57.32       62.48       MEDILM SPAINED ACH TUFF (2005)       - sedius to dark grey black, coarse grained, massive, spotty magnetism         - Alteration - Chlorite       - 3-5% to and by as veins filling fractures and disseminated       - 3% buartz-Carbonate fracture filling predominantly at low angles to the core axis         21337       57.26       58.50       1.24       0.64       3.1         21337       57.26       58.50       1.24       0.64       3.1         21337       57.26       58.50       1.24       0.64       3.1         21337       57.26       58.50       1.24       0.64       3.1         21337       57.26       58.50       1.24       0.64       3.1         21337       50.26       58.50       1.24       0.64       3.1         21338       58.50       60.00       1.50       1.50       2.76       8.3         21340       61.50       62.46       0.98       0.41       5.5         67.66       HERERALINIC INFECTA (INLINIATE)       2134       62.46       64.00       1.52       0.38       1.4 </td <td></td> <td></td> <td></td> <td>21335</td> <td>54.50</td> <td>57 26</td> <td>0.76</td> <td>1.57</td> <td>L•L 5.3</td>				21335	54.50	57 26	0.76	1.57	L•L 5.3
57.26       57.27       Souge         .77       57.52       Suartz-Carbonate Breccia         57.26       S2.48       HEDLIN GRAINED ASI THET (2005)         - needum to dark grey black, coarse grained, massive, spotty magnetism       - Alteration - Chlorite         - 3-50, po and py as veins filling fractures and disseminated       - 37.26         - 37.20       S0.avertz-Carbonate fracture filling predominantly at low angles to the core axis         21:37       57.26         S1.28       56.56       60.00         - 37.29       S3.60       1.24         - 37.20       S3.60       1.24         - 37.20       S3.60       1.50         - 37.29       S3.60       1.50         - 37.20       S3.60       1.50         - 37.20       S3.60       1.50         - 37.20       S3.60       1.50         - 37.20       S3.70       1.24         - 40.47       S3.10         - 57.20       S3.60       1.50         - 57.20       S3.70       1.24         - 57.20       S3.70       1.24         - 1000000000000000000000000000000000000	57.26	57.52	FALLT ZONE (FZ)	11000	00100	07710	000		011
.77       57.52       Buartz-Carbonate Breccia         57.52       42.48       MEDILIN GNAINED AGN TUFF (2005)         - sedius to dark grey black, coarse grained, assive, spotty magnetism	57.26	57.37	Gouge						
57.52       62.48       AEDIUM GRAINED AGN TEFF (2045)         - sedius to dark grey black, coarse grained, assive. spotty magnetism       - Alteration - Chlorite         - 3-5% po and py as veins filling fractures and disseminated       - 3% Buertz-Carbonate fracture filling predominantly at low angles to the core axis         21337       57.26       58.50       1.24       0.64       3.1         21338       55.55       60.00       1.50       1.50       1.38       1.6         21337       57.26       58.50       0.44       3.1         21338       55.55       60.00       1.50       1.50       1.78       1.6         21339       60.00       61.50       1.50       1.78       8.5         62.48       67.86       HETHERGLITHIC SMEECIA (BRAINANCE)       21339       60.00       1.50       2.76       8.3         61.50       62.48       0.98       0.41       5.5         62.48       61.50       62.48       0.98       0.41       5.5         62.48       61.50       62.48       0.98       0.41       5.5         61.50       care is primerily Silica       3.5       51.50       61.50       1.52       0.33       1.4         21341       62.48		57 57	Quartz-Carbonate Brennia						
57.52       42.48 HEDILH GRAINED ACH TUFF (2005)         - addition to dark grey black, coarse grained, massive, spotty magnetism         - Alteration - Chlorite         - 3-5% pp and py as veins filling fractures and disseminated         - 3% Quartz-Carbonate fracture filling predominantly at low angles to the core axis         21337       57.26       58.50       1.24       0.64       3.1         21337       57.26       58.50       1.24       0.64       3.1         21337       56.50       60.00       1.50       1.33       1.6         21337       56.50       60.00       1.50       1.33       1.6         21337       60.00       61.50       1.24       0.64       3.1         21337       50.00       61.50       1.24       0.64       3.1         21337       50.00       61.50       1.50       63.8       21337       60.00       1.50       2.76       8.3         21340       61.50       62.48       0.98       0.41       5.5         62.48       67.66       HETHERGLITHIC EMEDIA (BKLI99044)       5.2       1.50       0.41       5.5         - light to sedium grey colour, fine grained satrix with subangular fragments of various composition, magnetic       - %iterature is primari	( 127	0/102							
<ul> <li>sedius to dark grey black, coarse grained, massive, spotty magnetism         <ul> <li>Alteration - Chlorite</li> <li>3-5% po and by as veins filling fractures and disseminated</li> <li>3% Quartz-Carbonate fracture filling predominantly at low angles to the core axis</li> </ul> </li> <li>21337 57.26 58.50 1.24 0.64 3.1         <ul> <li>21338 58.50 60.00 1.50 1.38 1.6</li> <li>21339 60.00 61.50 1.50 2.76 8.3</li> <li>21340 61.50 62.48 0.98 0.41 5.5</li> </ul> </li> <li>62.48 67.66 HETHERLITHIC MEECIA (MAXIMMEN)         <ul> <li>light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>fatrix supported = 40% fragments of tuff, argillite, and porphyry up to 5 ca in size             <ul> <li>-light to sedium fractures and disseminated</li> <li>3% Sphaierite along fractures</li> <li>i -2% po and py along fractures and disseminated</li> </ul> </li> <li>71341 62.48 94.00 1.52 0.33 1.4         <ul> <li>21342 64.00 65.50 1.50 0.01 1.70                 <ul> <li>12342 64.00 65.50 1.50 0.01 1.70                 <ul> <li>12342 64.00 65.50 1.50 0.01 1.70                     <ul> <li>12342 64.00 65.50 1.50 0.01 1.70                     <ul> <li>12343 65.50 67.00 1.53 0.80</li> <li>12344 67.00 67.86 0.86 2.04 20.5                     <ul> <li>12344 67.00 67.86 0.86 2.04 20.5</li> <li>12344 67.00 67.86 0.86 2.04 20.5</li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul>	57.52	62.48	NEDILIN GRAINED AGH TLIFF (20145)						
axis       21337       57.26       58.50       1.24       0.64       3.1         21338       55.50       60.00       1.50       1.33       1.6         21339       60.00       61.50       1.50       2.76       8.3         21340       61.50       62.48       0.98       0.41       5.5         62.48       67.86       HETHENGLITHIC EMERCIA (BK1199414)       5.5       21340       61.50       62.48       0.98       0.41       5.5         62.48       67.86       HETHENGLITHIC EMERCIA (BK1199414)       5.5       21340       61.50       62.48       0.98       0.41       5.5         62.48       67.86       HETHENGLITHIC EMERCIA (BK1199414)       5.5       21340       61.50       62.48       0.98       0.41       5.5         62.48       67.86       respected - 40% fragments of tuff, argillite, and porphyry up to 5 ce in size       5.6       5.7       5.7       5.3         9.1341       62.46       54.00       1.52       0.33       1.4         21342       64.00       65.50       1.50       0.01       1.7         21342       64.00       65.50       1.50       0.60       5.4         21344       67.			<ul> <li>medium to dark grey black, coarse grained, massive, spotty magnetism</li> <li>Alteration - Chlorite</li> <li>3-5% po and py as veins filling fractures and disseminated</li> <li>3% Quartz-Fachenate fracture filling predesignantly at low angles to the core</li> </ul>						
21337       57.26       58.50       1.24       0.64       3.1         21338       56.50       60.00       1.50       1.38       1.6         21339       60.00       61.50       1.50       2.76       8.3         21340       61.50       62.48       0.98       0.41       5.5         62.48       67.66       HETHERGLITHIC BREECIA (BX190445)       1.50       2.76       8.3         - light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic       -       8.48       0.98       0.41       5.5         - Natrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -									
<ul> <li>21337 57.26 58.50 1.24 0.64 3.1</li> <li>21338 58.50 60.00 1.50 1.38 1.6</li> <li>21339 60.00 61.50 1.50 2.76 8.3</li> <li>21340 61.50 62.48 0.98 0.41 5.5</li> <li>62.48 67.66 HETHEROLITHIC SMEDCIA (NX199414)</li> <li>- light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>- Natrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size</li> <li>- @iteration is primerily Silica</li> <li>- 3% Sphaierite along fractures and disseminated</li> <li>21341 62.48 64.00 1.52 0.33 1.4</li> <li>21342 64.00 65.50 1.50 0.01 1.7</li> <li>21343 65.50 67.00 1.50 0.01 1.7</li> <li>21343 65.50 67.00 1.50 0.01 1.7</li> <li>21343 65.50 67.00 1.50 0.86 3.04 20.5</li> <li>67.86 73.15 SILICIFIED PORPHYNY (05743)</li> </ul>									<b>-</b> .
<ul> <li>21338 58.50 60.00 1.50 1.30 1.38 1.6 21339 60.00 61.50 1.50 2.76 8.3 21340 61.50 62.48 0.98 0.41 5.5</li> <li>62.48 67.86 HETHERGLITHIC BRECCIA (BXLI9MAt4)</li> <li>light to sedius grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>Matrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size</li> <li>Attrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm</li> <li>in size</li> <li>Attrix primerily Silica</li> <li>3% Sphaierite along fractures - 1-2% po and pv along fractures and disseminated</li> <li>21341 62.48 54.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.59 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5</li> </ul>			· · ·	21337	57.26	58.50	1.24	0.64	3.1
<ul> <li>21337 60.00 61.30 1.30 2.76 8.3 21340 61.50 62.48 0.98 0.41 5.5</li> <li>62.48 67.66 HETHEROLITHIC BRECCIA (BX\199414)</li> <li>light to sedius grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>Katrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size</li> <li>Fiteration: is primarily Silica</li> <li>3% Sphalerite along fractures and disseminated</li> </ul>				21338	58.50	50.00	1.50	1.38	1.6
62.48       67.86       HETHEROLITHIC BRECCIA (BX\199414)       3.3         - light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic       -       -         - Natrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size       -       -       -         - Piteration is primerily Silica       -       -       -       -       -         - 1:2% po and pv along fractures and disseminated       -       -       -       -       -       -         - 73.15       SiliciFIED PORPHYRY (85743)       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -				21337	50.00 /* so	61.30	1.30	2./b	8.J 5 5
<ul> <li>light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>Matrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size</li> <li>Alteration is primarily Silica</li> <li>3% Sphalerite along fractures</li> <li>1-2% polano pv along fractures and disseminated</li> <li>21341 62.48 64.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.50 0.01 1.7 21343 65.50 67.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5</li> <li>67.86 73.15 SILICIFIED PORPHYRY (85/43)</li> </ul>	62.48	67.86	HETHEROLITHIC BRECCIA (BX\199444)	21340	01 <i>. J</i> V	01,40	0,70	V.71	J.J
<ul> <li>light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> <li>Matrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size</li> <li>Piteration is primarily Silica</li> <li>3% Sphalerite along fractures</li> <li>1-2% po and pv along fractures and disseminated</li> <li>21341 62.48 64.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.59 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5</li> <li>67.86 73.15 SILICIFIED PORPHYRY (057d3)</li> </ul>			• • •						
- Matrix supported - 40% fragments of tuff, argillite, and porphyry up to 5 cm in size - Piteration is primarily Silica - 3% Sphalerite along fractures - 1-2% po and pv along fractures and disseminated 21341 62.48 54.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5			<ul> <li>light to sedium grey colour, fine grained matrix with subangular fragments of various composition, magnetic</li> </ul>						
- Piteration is primarily Silica - 3% Sphaierite along fractures - 1-2% po and pv along fractures and disseminated 21341 62.48 64.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5			<ul> <li>Matrix supported - 40% fragments of tuff, argillite, and parphyry up to 5 cm in size</li> </ul>						
- 3% Sphalerite along fractures - 1-2% po and pv along fractures and disseminated 21341 62.48 54.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 57.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5 67.86 73.15 SILICIFIED PORPHYRY (867dS)			- Alteration is primarily Silica						
- 1-2% pp and py along fractures and disseminated 21341 62.48 54.00 1.52 0.38 1.4 21342 64.00 65.50 1.50 0.01 1.7 21343 65.50 67.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5 67.86 73.15 SILICIFIED PORPHYRY (86745)	•		- 3% Sphaierite along fractures						
21341       62.48       54.00       1.52       0.38       1.4         21342       64.00       65.50       1.50       0.01       1.7         21343       65.50       57.00       1.50       0.80       5.4         21344       67.00       67.86       0.86       3.04       20.5			- 1-2% polano pv along fractures and disseminated					·	
11371       62.75       57.00       1.02       0.38       1.7         21342       64.00       65.50       1.50       0.01       1.7         21343       65.50       57.00       1.50       0.80       5.4         21344       67.00       67.86       0.86       3.04       20.5         67.86       73.15       SILICIFIED PORPHYRY (86743)       1.50       1.50       1.50				717A1	47 AC	44 00	1 57	0 79	1 A
( 21343 65.50 57.00 1.50 0.80 5.4 21344 67.00 67.86 0.86 3.04 20.5 67.86 73.15 SILICIFIED PORPHYRY (86743)	6			217271 21722	64.00	65,50	1.50	0.00	1.7
67.86 73.15 SILICIFIED PORPHYRY (867d3)	(	•		21343	45.50	57.00	1.50	0.80	5.4
67.86 73.15 SILICIFIED PORPHYRY (867d3)	×			21344	67.00	67.86	0.86	3.04	20.5
	67 <b>.86</b>	73.15	SILICIFIED PORPHYRY (867d3)						•

- light grey green colour, medium grained, porphyritic, massive, with reanant

FROM TO 68.26 68.60 68.60 67.20 73.15 78.21	DESCRIPTION tuff rafts - 5% Plagioclase euhedral phenocrysts up to 2 am in size - 3% Hornblence subhedral phenocrysts up to 2 mm in size altered to Chlorite - 3% py and po as fracture fillings disseminated and as veinlets Nassive Sulphide - Py 20% Sulphide Veins - Py 20% Sulphide Veins - Py CONSE AGH TUFF (20041) - medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic - sections up to 30 cm in length are complyriting with 5-5% submiral folderar	5AMPLE 21345 21346 21347 21348	FROM 67.86 69.00 70.50 72.00	70 59.00 70.50 72.00 73.15	WIDTH 1.14 1.50 1.15	Au g_ton 11.43 0.99 1.60 0.47	Ag g_ton 35.3 3,9 5.1 3,9
68.26 68.60 68.60 67.20 73.15 78.21	<pre>tuff rafts - 5% Plagioclase euhedral phenocrysts up to 2 mm in size - 3% Hornblende subhedral phenocrysts up to 2 mm in size altered to Chlorite - 3% Hornblende subhedral phenocrysts up to 2 mm in size altered to Chlorite - 3% py and po as fracture fillings disseminated and as veinlets Nassive Sulphide - Py 20% Sulphide Veins - Py 20%</pre>	21345 21346 21347 21348	67.86 69.00 70.50 72.00	69.00 70.50 72.00 73.15	1.14 1.50 1.50 1.15	11.43 0.99 <sup>.</sup> 1.60 0.47	35.3 3,9 5.1 3,9
58.25 58.60 58.60 67.20 7 <b>3.15 78.21</b>	<pre>tuff rafts - 5% Plagioclase euhedral phenocrysts up to 2 mm in size - 3% Hornblende subhedral phenocrysts up to 2 mm in size altered to Chlorite - 3% py and po as fracture fillings disseminated and as veinlets Nassive Sulphide - Py 20% Sulphide Veins - Py 20% Sulph</pre>	21345 21346 21347 21348	67.86 69.00 70.50 72.00	69.00 - 70.50 72.00 73.15	1.14 1.50 1.50 1.15	11.43 0.99 <sup>.</sup> 1.60 0.47	35.3 3,9 5.1 3,9
18.26 58.60 18.60 69.20 1 <b>73.15 78.21</b>	Nassive Sulphide - Py 20% Sulphide Veins - Py COMRSE ASH TUFF (2014) - medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic - sections up to 30 cm in length are complyriting with 5-AV subsidial folderar	21345 21346 21347 21348	67 <b>.86</b> 69.00 70.50 72.00	69.00 70.50 72.00 73.15	1.14 1.50 1.50 1.15	11.43 0.99 <sup>.</sup> 1.60 0.47	35.3 3,9 5.1 3,9
58.60 67.20 73.15 78.21	20% Sulphide Veins - Py COARSE ASH TUFF (254d1) - medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic - sections up to 30 cm in length are complyriting with 5-AV subscral folderar	21345 21346 21347 21348	67.86 69.00 70.50 72.00	69.00 70.50 72.00 73.15	1.14 1.50 1.50 1.15	11.45 0.99 <sup>.</sup> 1.60 0.47	35.3 3,9 5.1 3,9
7 <b>3.15</b> 78.21	COMRSE ASH TUFF (20041) - medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic - sections up to 30 cm in length are corphyritic with 5-AV subsdral folderar	21346 21347 21348	69.00 70.50 72.00	- 70.50 72.00 73.15	1.50 1.50 1.15	0.99 <sup>.</sup> 1.60 0.47	3.9 5.1 3.9
73.15 78.21	<pre>COARSE AGH TUFF (20141) - medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic - sections up to 30 rm in length are corphyritic with 5-AV subsdral folderar.</pre>						
	<ul> <li>medium grey colour, coarse grained, massive, with few if any textures evident, nonmagnetic</li> <li>sections on to 30 rm in length are porphyritic with 5-AV subsdral foldenar</li> </ul>						
~	<pre>phenocrysts - Tr sulphides disseminated and along fractures - Tr-1% Quartz-Carbonate fracture fillings</pre>						
		21349	73,15	74.65	1.50	1.14	9.5
		21350 21351	76.00	78.00 77.50	1.35 1.50	0.45 1.70	5.0 10.7
8.21 78.30	FAULT ZONE (FZ)					••••	
	- gouge fragments of coarse ash tuff						
8.30 92.96	COARSE ASH TUFF (264d1)		•				
,	- same as 73.15 to 78.21					х	
		21352 21353	77 <b>.5</b> 0 77.00	79.00 80.50	1.50	1.40 0.20	6.4 8.3
		21354	50,50 55 oc	82.00	1.50	0 <b>.02</b>	5.9
		21333 21354	62.00 83.56	లు. ని) 85.00	1.50 1.50	0.01 0.07	9.0 4.1
		21355	85.00	86.50	1.50	0.01	4.7
		21358	86.50	88.00	1.50	0.01	4.8
		21359	89.00	89.50	1.50	0.01	5.0
		21360	87.50	91.00	1.50	0.05	0.1
		21361	<b>91.0</b> 0	92 <b>.</b> 00.	1.00	<b>0.04</b>	4,4

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DND 6	old c	anada	INC.	DI	amond drill hole	e report						£aóe	#1 0	f ł	
HOLE NO. PROPERTY LOCATION CLAIM NO. TARGET STARTED	HC91-7( RED HOL EXPLOR Sept 11	) Intain Ation ta 1,1991	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY	-908 -241 G. MacMillan	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO.	045 360 045 -45 94.18 FALCON	<b>Depth</b> 45.7	Dip - 45	Azimuth 045	ACID	Depth Dip 94.2	Azimuth - 45 04	Test 5 ACID		
FINISHED	Sept 13	3, 1991	CHECKED BY		DRILL NO.	1000/1									
SECTION			CORE	BQ TW	FOREMAN	K.Hillen									
	larget i	Has a MH	trenoing one	ar lone with r							<u>.</u>	,			······
FROM	TO		DESC	RIPTION						SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
SJAMR	Y		·												
0.00	3 <b>.05</b>	CASING	(C6)												
3.05	3.47	CDARSE	ash tuff (2)	162)											
3.47	5.65	HBL \ P	lag popphirm	(8A3d1)											
5.65	29.15	STRONGL	y altered he	il \ plag porpy	WRY \ FINE BRAIN	ed tuff (BV	16843)								
29.15	91.70	SILICIC	FDE GRADE	ed sedinent / F	The grained ash	TUFF (IAT\1	67d1)								
91.70	91.75	FALLT 0	ouge (FZ)												
91.75	94.18	COARSE	ash tuff (2)	742)									۰.		
94.18	94.18	E.O.H.													

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g <b>_ton</b>	ہ t
0.00	3.05	CASING (CS)						
3.05	3.47	COARSE ASH TUFF (20142)						
		- medium beige colour, medium grained, massive, moderately fractured, blocky						
		COPE						
		- 2% py along fractures						
3.47	5.65	HEL \ PLAG PORFHMRY (BA3d1)						
		- coarse grained, massive, porphyritic, light to medium grey colour,						
		relatively unaltered - 8-10% Hornblende euhedral phenocrysts up to 5 mm in size commonly altered to						
		chlorite . - 2-17 succenitized Planicelase ekonomysts						
		- 12 Quartz-Carbonate fracture filling						
		- 1-2% py and po as fracture fillings						
			21551	3.05	4.50	1.45	0.03	
5.65	29.15	STRUMELY ALTERED HILL \ PLAG PURPHYRY \ FINE GNADLED TUFF (8\18843)	21552	4.50	2.62	1.15	0.02	
		<ul> <li>very fine grained, light to medium grey colour, strongly altered, strongly fractured, very siliceous almost cherty, spotty-moderate magnetism</li> <li>upper contact is very gradual with remnant Hornblende obenocrysts still evident</li> <li>Alteration - silica with some K alteration giving a pinkish cast to the rocks. There are sections of remnant porphyry through the section</li> <li>up to 3% py and po generally along fractures</li> <li>3-5% Quartz-Carbonate microfracture fillings</li> <li>3% chlorite along microfractures</li> </ul>	'n			,		
		- Tr Limonite on fracture surfaces						
			21553	5.65	7.00	1.35	0.03	
			21554	7.00 P.50	8.50	1.50	0.04	
			21555	10.00	11.50	1.50	0.06	
			21557	11.50	13.00	1.50	0.06	
			21558	13.00	14.50	1.50	0.08	
12 07	11 77	the best 15% Des The Cov - discontinuited and along fractioner	2 <b>155</b> 9	14.50	16.00	1.50	0.09	
0.20	10.73	op to 154 ro, ir upy - uisseminateu anu along iractures						
			21560	16.00	17.50	1.50	0.13	
			21561	17.50	19.00	1.50	0.13	
			21562	19.00	20.50	1.50	0.07	
27, 77	77 70	15-207 Po. In Inv - Seei Maccive Gulphide	21303	20.00	22.00	1.JV	v.v/ •	
	22.17	TA TAN LAN IS AND ACME MEDILLE ARTHURE	21564	22.00	23 <b>.5</b> 0	1.50	0.21	
			21565	23.50	25.00	1.50	0.05	
							_	
NS 66	70 15	Moderate enidete alteration haloine fractures	71544	25 66	24 SO	1 50	0 AA	

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HOLE IN HE91-70

BOND GOLD CANADA INC.

HOLE - PAGE # 3 of 4

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	FRON	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	ĥu g_ton	Ag g_tan
	29.15	91.70	SILICIC FINE BRAINED SEDIMENT \ FINE BRAINED ASH TUFF (IAT\167/11)	21567 21568	26.50 28.00	28.00 29.15	1.50 1.15	0.07 0.10	1.6 1.6
	<i></i>	71.70	<ul> <li>medium to dark grey colour, very fine grained cherty appearance, with well bedded\banded sections and coarser more massive sections, spotty-moderate magnetism</li> <li>bedding\banding demonstrates minor small scale folding and faulting</li> <li>moderate to strongly fractured</li> <li>Alteration is primarily silica</li> <li>3-5% Chlorite along fractures</li> <li>1% py and po along fractures</li> <li>Tr Limonite and Manganite on fracture planes</li> <li>Tr-1% Quartz-Carbonate microfracture fillings</li> <li>Bedding\Banding: @ 34 m - 71x</li> <li>@ 41 m - 53x</li> </ul>						
			e 43 s. − 72x è 46 s. − 65x - ê 55 s. − 65x						
(				21569 21570 21571 21572 21573 21574 21575 21576 21577 21578	29.15 30.50 32.00 33.50 35.00 36.50 38.00 39.50 41.00 42.50	30,50 32,00 33,50 35,00 36,50 38,00 39,50 41,00 42,50 44,00	1.35 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5	0.04 0.05 0.03 0.04 0.06 0.03 0.02 0.04 0.10	0.9 0.8 1.1 0.9 0.8 1.0 1.2 0.5 0.5 0.5
				21579	44.00	45.50	1.50	0.04	0.5
	45.50	91.70	Very Blocky Ground	21580	45.50	47.00	1.50	0.06	0.8
	48.46	51.51	50% Lost Core	21581 21582 21583 21584 21585	47.00 48.50 50.00 51.50 53.00	48.50 50.00 51.50 53.00 54.50	1.50 1.50 1.50 1.50	0.09 0.04 0.07 0.03 0.00	0.7 0.8 0.8 0.9 0.0
	55.00	91.70	Very silicic, massive, cherty with no remnant textures	21586 21587 21588 21589 21590 21591	54.50 56.00 57.50 59.00 60.50 62.00	56.00 57.50 59.00 60.50 62.00 63.50	1.50 1.50 1.50 1.50 1.50 1.50	0.00 0.00 0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0 0.0 0.0
(			· · ·	21592 21593 21594 21595 21595 21596 21597	63.50 65.00 66.50 68.00 69.50 71.00	65.00 66.50 68.00 69.50 71.00 72.50	1.50 1.50 1.50 1.50 1.50 1.50	0.00 0.00 0.00 0.03 0.03 0.02	0.0 0.0 0.0 1.1 1.0
			·	21578 21599 21600	72.50 74.00 75.50	7 <b>4.0</b> 0 7 <b>5.5</b> 0 77.00	1.50 1.50 1.50	0.02	0.9 0.7 0.8

HELE IN HE91-70

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BOND GOLD CANADA I	INC.
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From	TO	DESCRIPTION	Sample	FROM	ŢŌ	WIDTH	Au g_ton	Ag g_ton
			21601	77.00	7 <b>8.5</b> 0	1.50	0.02	0.
			21602	7 <b>8.50</b>	80.00	1.50	0.02	0.
			21603	80.00	81.50	1.50	0.02	0
			21604	81.50	83.00	1.50	0.02	0.
			21605	83.00 54 E0	84.50	1.50	0.02	U O
			21606	04.00	07 50	1.50	0.02	0
			2100/	00.VV	67.JU 90.AA	1.50	0.01	v 0
			21000	07.JV 00.00	07.VV 00 50	1.50	0.03	V. A
91 <b>.70</b>	91.75	FALLT GOLAE (FZ)	21007	07.00	,0,00	1.50	V•V2	v
			21610	90.50	91.75	1.25	0.04	1
91.75	94.18	CDARSE ASH TUFF (24742)						
		<ul> <li>medium green colour, coarse grained, massive, moderate to strongly fractured, spotty magnetism</li> </ul>						
		- 1-2% py disseminated and along fractures						
		- Tr limonite on fracture surfaces						
		- primary Alteration is Chlorite						
		- in quartz-carbonate veins as tracture fillings						
			21411	91 75	97.00	1.25	0.03	0
			*****	12110	10440		2	¥1
			21612	93.00	94.18	1.18	0.12	0.

- Hole Lost in Fault

	old Canada	INC.	DIA	MOND DRILL HOLE	e report			Page # 1 of 13	
OLE NO. PROPERTY LOCATION LAIN NG. ARGET STARTED INISHED	MC90-28 CAR RDMT MARC ZONE ORC 1 AUG 03/90 AUG 05/90	NORTRING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY	-21.06 -154.17 1737.06 -154.17 -21.06 S.NISYIF,G.MA A. ERAY	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL ND.	90 360 360 -90 236.6 FALCON 1000/1	Depth Dip Azimuth Test D 45.7 - 89 037 SPER 102.4 - 86 170 SPER 182.9 - 88 027 SPER 228.6 - 88 027 SPER 335.3 - 87 017 SPER √ 431.6 - 86 027 SPER √	Depth Dip Azim 91.4 - 99 137.2 - 88 224.3 - 82 274.3 - 87 371.0 - 66	uth Test 027 SPER 037 SPER 057 SPER 027 SPER 007 SPER	
Ection Comments  From	TO	CORE	RIPTION	Foreman	اللة الله المح المح المح المح المح المح المح المح	544716 54716 5431667	FROM TO	Specify Dete MIDTH Au Au g_ton g_tu	<u> </u>

#### SUMMARY

- 0.00 0.60 CASING
- 0.60 50.30 HERNELENCE PURPHYRY (6A4t3)
- A 30 51.10 HINERALIZED ZONE: HUNGLENCE PORPHYRY (6F4x80)
- 51.10 55.70 HORNELENCE PORPHYRY (467t3)
- 55.70 60.80 FALLT ZONE (FZ)
- 60.90 115.20 HORNELLENCE PORPHYRY (SF4m6)
- 115.20 117.00 HINERALIZED ZONE: HORNOLENCE PORPHYRY (6F4q74)
- 117.00 169.00 AGH TUFF (2F4m7)
- 169.00 236.60 K-FELDSPAR GRANDDIORITE (9F7m6)
- 236.60 431.59 Hole extended in summer 1991 drill program to try and intersect the Marc Zone
- 236.60 244.04 CHLORITICLY ALTERED HILVPLAG PORPHYRY (9A7d3)
- 244.04 254.55 HODERATELY FRACTURED HELVPLAG PORPHYRY (8467d2)
- 254.55 264.06 FINE GRAINED HELVELAG PORPHYRY (SEAL63)
- 264.06 264.45 FALLT ZONE (FZ)
- 264.45 267.34 HELVPLAG PORPHYRY (SEALED)
- 247.34 270.34 COARSE AGH TUFF (286d3)
- 270.34 310.92 HEL \ PLAS PORPHYRY (SEELS)
- 310.92 312.36 COARSE ASH TUFF (24645)

BOND	GOLD	CANADA	INC.
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FROM	נז	DESCRIPTION	Sample	FROM	TO	WIDTH	Au g_ton	Ag g_ton
					<u></u>		<u></u>	
337.73	347.02	HEL \ PLAG PORPHYRY (967d3)				•		
347.02	355.23	FINE GRAINED HOL/PLAG PORPHYRY (BAG7d3)						
355.23	371.12	HELVELAG PORPHYRY (BA3d3)						
371.12	381.00	FINE GNAINED TU CONREE ARM TUFF (1\207d3)						
381.00	403.90	STRONELY ALTERED PORPHYRY (GENELS)						
403.90	408.20	CONREE ABH TUFF (29643)						
408.20	419.69	STRONELY ALTERED CONREE AGH TUFF (2000)3)						
419.69	431.59	HELVPLAG PORPHYRY \ CONRSE AGH TUFF (8\24641)						
431.59	431.59	E.O.H.						
(	J Z	151-67						

CIND GOLD	CANADA	INC.
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FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	Ag g_ton	

### 0.00 0.60 CASING

31.90

35,00

### 0.60 50.30 HURNELENDE PURPHYRY (6A4t3)

Dark grev to greenish with a fine-grained matrix. Fractured at all angles to the E.A., and cemented by chlorite and minor sulphides. Some normblende phenocrysts are visible. Neak chloritic alteration. 2-3% pyrite as stringers, patches and disseminations. 1% pyrrhotite as stringers and replacing the hornblende phenocrysts. Trace disseminated sphalerite.

2607	0.60	3.00	2.40	0.02	1.0
2608	3.00	4.50	1.50	0.09	1.0
2609	4.50	5.00	1.50	Ó.01	<b>i.</b> !
2610	6.00	7.50	1.50	0.01	i <b>.i</b>
2611	7.50	9.00	1.50	0.04	1.0
2612	9.00	10.50	1.50	0.02	<b>0.</b> 9
2613	10.50	12.00	1.50	0.01	. 0.7
2614	12.00	13.50	1.50	0.02	1.0
2515	13.50	15.00	1.50	0.01	1.0
2617	15.00	16.50	1.50	0.04	1.4
2618	16.50	18.00	1.50	0.02	1.0
2619	18.00	19.50	1.50	0.01	0.8
2620	19.50	21.00	1.50	0.51	0.7
2621	21.00	22.50	1.50	0.54	1.2
2622	22.50	24.00	1.50	0.20	1.5
2623	24.00	25.50	1.50	0.18	1.5
2624	25.50	27.00	1.50	0.05	1.2
2625	27.00	28.50	1.50	0.34	1.4
2626	28.50	30.00	1.50	0.09	0.9
2627	30.06	31.50	1.50	0.24	0.8
2628	31.50	33.00	1.50	0.19	2.1
2530	33.00	34.50	1.50	0.18	0.7
2631	34.50	36.00	1.50	0.18	0.8
2632	36.00	37.50	1.50	0.18	0.8
2633	37.50	39.00	1.50	0.03	0.8
2634	39.00	40.50	1.50	0.21	1.1
2635	40.50	42.00	1.50	0.02	1.0
2636	42.00	43.50	1.50	0.03	0.9
2637	43.50	45.00	1.50	0.10	0.9
2638	45.00	46.50	1.50	0.04	1.2
2639	46.50	48.00	1.50	0.05	1.0
2640	43.00	50.00	2.00	0.03	0.5

-50,30 51,10 NINERALIZED ZUNE: HURNOLENCE PURPHYRY (&F4x80)

and 1% pyrite.

35.20 White, fine-grained felsic dyklet.

80% massive pyrite with 1% sphalerite as disseminations within the pyrite as well as at the contacts.

31.95 Quartz vein at 45 degrees to the C.A. 1% sphalerite, 2% pyrrhotite stringers

30ND G		anada inc.	HOLE -	PAGE # 4 of 1	5		•			
CFROM	TO	DESCRIPTION			SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
51.10	55.70	HORMELENGE PORPHYRY (68713)			·					<u>.</u>
		Description as per 0.60 to 50.3	30 metres.			•				
					768	1 50.00	51 54	1.50	סד ר	C A
					207 764	t 50.00 K 51.50	53.00	1.50	2.36	7.4 5.4
					264	53.00	54.50	1.50	0.01	0.6
55.70	60.80	FALLT ZONE (FZ)								
		Strongly chloritized and Fe-ox: disseminations and fracture in:	ide stained rubbly fill. 2% dis <mark>sem</mark> ina	core. 4% pyrite as ited pyrrhotite.	stringers,					
					264	5 54.50	56.00	1.50	0.05	1.0
					264	56.00	57.50	1,50	0.07	2.1
				٠	264	57.50	<b>59.0</b> 0	1.50	0.20	3.0
					264	<b>59.</b> 00	60.50	1.50	0,96	8.5
60.80	115.20	Hornelence Porphyry (6F4e6)								
ŧ.		3-4% pyrite as disseminations a and replacing the hormblende pi	and patches. 2-3% henocrysts.	pyrrhotite as fractu	re infill					
					214	1 10 <b>50</b>	42.00	( 50	0.07	7 (
					264	) 62.00	63.50	1.50	0.30	1.1
					265:	63.50	65.00	1.50	16.98	4.0
					2652	65.00	66.50	1.50	0.22	1.0
					265	5 66.50	6 <b>8.0</b> 0	1.50	0.10	0.6
		·			265	68.00	69.50	1.50	0.18	6.2
					265	5 69 <b>.</b> 50	71.00	1.50	<b>0.4</b> 0 ∧ 22	4.1
					203. 725(	71.00	72.00	1.50	0.22	1.2
					265	74.00	75.50	1.50	0.15	0.4
		· .			265	75.50	77.00	1.50	0.18	0.5
		•			266	77.00	78.50	1.50	0.17	0.5
					266	2 78.50	80.00	1.50	0.15	<b>≬.</b> S
					266	3 30.00	81.50	1.50	0.14	0.7
•					266	81.50	83.00	1.50	9.77 6.71	0.6
					2 <b>00</b> 741	04 50	84.00	1.30	0.31	0.7° 6 0
					-004 744	5 64.00 7 84.00	87.50	1.50	0.07	0.0 A 6
					266	87.50	89.00	1.50	0.05	0.7
					267	87.00	90.50	1.50	0.08	0.7
			•		267.	90.50	52.00	1.50	0.10	Û.Ŧ
$\sim$					267.	92.00	93.50	1.50	0.64	Ú,9
ſ	•			·	267	5 93.50	95.00	1.50	),40	1.6
					2674	95.00	96.50	1.50	0.26	. 1.1
					267	96.50	98.00	1.59	0.06	0 <b>.9</b>
99.00	104.00	Strongly feisic in composition	and weakly sericit	ic. 5% pyrite and 4	%. 267	98.00	99.50	1.50	0.14	0.6

and the second second

99.0% 104.00 Strongly feisic in composition and weakly sericitic. 5% pyrite and 4%

4 Q.X.

HELE #: HC90-28

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KOND GOLD CANADA INC.

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prrtetite.         207         97,50         101,00         1.00         0.02         0.02           194.00         115.00         Fractures with a dark gray to pinkish fine-grained matrix. Excessinal tabler to singule disjuctane penecrysts. Strongly carbonaccose. 37         280         104.00         105.50         1.50         0.15         0.22         0.23           194.00         115.00         1.00         1.00         1.00         1.00         0.10         0.15         0.22         0.11           115.00         117.00         MERMILED ZDE: manufact reference (fight)         0.21         0.21         0.22         0.22         0.22         0.22         0.21         0.22         0.21         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22         0.22	C PROM	70	DESCRIPTION	SAMPLE	FROM	TC	WIDTH	Au g_ton	Ag g_ton
2078       010.00       012.00       0.00       0.01       0.02       0.4         194.00       115.00       Fractures with a dark gray to pinkish fine-grained extrix. Decesional tabler to storgate disjuctate pherocrysts. Storogly carbonaccos. 31       2080       04.40       105.50       107.00       1.50       0.12       0.4         194.00       115.00       Fractures with a dark gray to pinkish fine-grained extrix. Decesional table for the interval.       2080       04.40       105.50       107.00       1.50       0.12       0.4         2081       107.00       10.00       1.50       0.21       0.7       286       110.00       1.50       0.21       0.7         2081       100.00       1.50       0.21       0.7       2.66       10.00       1.50       0.21       0.7         2081       115.00       115.00       115.00       115.00       115.00       1.60       0.10       0.21       0.7         2085       115.00       115.00       115.00       115.00       1.50       0.12       0.7       2.66       115.00       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60       1.60 <td< td=""><td></td><td></td><td>pyrrhotite.</td><td>2677</td><td>99.50</td><td>101.00</td><td>1.50</td><td>0.22</td><td>0.2</td></td<>			pyrrhotite.	2677	99.50	101.00	1.50	0.22	0.2
267         92.50         194.00         1.50         0.20         0.4           194.00         115.00         Fractures with a dart gray to plainches phenocrysts. Strongly carbonceue. 31         280         194.00         105.50         107.00         1.50         0.22         1.1         282         107.00         1.50         0.22         1.1         282         107.00         1.50         0.22         1.1         282         107.00         1.50         0.22         1.0         0.22         1.1         282         11.50         1.50         0.24         0.3         9.20         1.50         0.24         0.5         1.50         0.24         0.7         285         11.50         1.50         0.20         0.3         285         11.50         1.50         0.20         0.3         285         11.50         11.50         1.50         0.20         0.3         285         11.50         11.50         0.20         0.3         285         11.50         11.50         0.20         0.3         285         11.50         11.50         0.15         0.20         0.3         11.50         11.50         11.50         11.50         11.50         11.50         11.50         11.50         11.50         11.50         11.50				2678	101.00	102.50	1.50	0.05	0.2
19.00       115.00       Fractures with a dark prey to pinkish fine-grained satrix. Cocasional tablar to elongate algicalise phenorysts. Strongly carbonaccos. 32       280       100.00       10.00       1.50       0.22       11         113.00       107.00       10.00       1.50       0.21       0.00       1.50       0.21       0.00       0.00       1.50       0.21       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00				2679	102.50	104.00	1.50	0.20	0.4
tablar to elengate lagictize piecorysts. Strongly carbonacesis. 3:         242: 105.00         107.00         1.50         0.22         11.1           pyrite and Z pyrrholits.         243: 107.00         108.00         1.50         0.41         0.73         0.44         0.79           264: 108.00         115.00         1.50         0.61         0.50         1.20         0.7           264: 108.00         115.00         1.50         0.20         0.7         268           115.20         117.00         MEENLING ZDE: HEMBLINE FROMMY (4%p74)         0.75         115.00         115.00         1.50         0.20         0.28           115.20         117.00         MEENLING ZDE: HEMBLINE FROMMY (4%p74)         0.75         115.00         115.00         1.50         0.20         0.28           117.00         165.00         115.00         115.00         115.00         1.50         0.20         0.28           117.00         165.00         115.00         1.50         0.10         1.50         0.10         1.50         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.10         0.11         0.11         0.11         0.11<	104.00	115.00	Fractured with a dark grey to pinkish fine-grained matrix. Occasional	2680	104.00	105.50	1.50	0.17	0.5
pyrite and 22 pyrnolite.         2265         16.50         1.50         0.41         0.5           115.20         117.00         MEMBERIZED ZME: HEMBERSE FORMERY (dFupP)         2267         115.00         115.00         1.50         1.20         0.75           115.20         117.00         MEMBERIZED ZME: HEMBERSE FORMERY (dFupP)         2267         115.00         115.00         1.50         2.00         0.20         0.75           115.20         117.00         MEMBERIZED ZME: HEMBERSE FORMERY (dFupP)         2267         115.00         115.00         2.00         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20         0.20			tabular to elongated plagioclase phenocrysts. Strongly carbonaceous. 3%	2682	105.50	107.00	1.50	0,22	1.1
2049         106.00         11.50         1.50         0.20         0.7           2365         115.00         115.00         115.00         115.00         1.50         0.20         0.7           2366         115.00         115.00         115.00         115.00         2.00         0.20         0.8           115.20         117.00         NDEMLINE DDE: MOMELNE FORMAN (dFbp7)         0.45         0.20         0.8           117.00         115.00         115.00         115.00         1.50         0.20         0.8           117.00         107.00         MEMELNE FORMAN (dFbp7)         0.45         1.50         1.50         0.20         0.8           117.00         107.00         115.00         115.00         1.50         1.50         1.64         1.3           117.00         107.00         MEMELNE FORMAN (dFbp7)         0.46         0.15         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50			pyrite and 2% pyrrhotite.	2683	107.00	108.50	1.50	0.41	0.9
2265 110.00 111.50 1.50 0.20 0.7         2367 113.00 115.00 1.50 0.20 0.8         113.20 117.00 MREMENEE FRENKY (#5404)         0.75 metres of 70 assive pyrite within the central portion of the interval. 27 disseminated eukeral pyrite rotatis. 1-32 disseminated pyrrhotite within the assive pyrite.         117.00 169.00 MBH TUFF (254m)         Strey to locally whitish. Laminated at approximately 50 degrees to the 0.4. Locally precisied. Weak chloritic alteration. locally sericitic. 45 pyrite as disseminations, stringers and patches. 32 pyrrhotite as disseminations and stringers.         118.60 120.60 Semi-massive pyrite vein consisting of 50% pyrite.         2665 116.50 118.00 1.50 0.16         124.10 131.55 Highly broken and fractures core. Sericitic alteration. Fractured at all angles to the 0.4.         124.10 131.55 Highly broken and fractures core. Sericitic alteration. Fractured at all 2677 127.00 123.50 1.50 0.12 0.7 2678 122.50 1.55 0.55 0.15 1.50 0.12 0.7 2678 123.00 125.50 1.50 0.04 0.3 2677 123.00 123.50 1.50 0.04 1.5 2678 123.00 125.50 1.50 0.04 0.5 2678 123.00 125.50 1.50 0.04 1.5 2678 123.00 125.50 1.50 0.04 1.5 2709 135.00				2684	108.50	110.00	1.50	1.20	0.9
2000         111.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         113.00         120.00         0.20         0.20         0.20           113.00         105.00         105.00         105.00         105.00         116.00         116.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00         105.00				2685	110.00	111.50	1.50	0.20	0.7
113.20       117.00       NDERMLIES ZDE: HUMBLESE FROMMENT (dFagA)       2.89       113.00       1.80       0.20       0.50         113.20       117.00       MORENULIES ZDE: HUMBLESE FROMMENT (dFagA)       2.88       115.00       116.00       1.50       0.20       0.50         117.00       169.00       Reh TUFF (ZFaG7)       2.885       115.00       116.50       1.50       1.50       1.64       1.5         117.00       L69.00       Reh TUFF (ZFaG7)       2.885       116.50       116.50       1.50       0.16       0.5         110.00       Series of 70% assiste pyrite.       1.64       1.50       1.64       1.50       1.64       1.50         117.00       L69.00       Reh TUFF (ZFaG7)       2.885       116.50       116.00       1.50       0.16       0.5         110.60       Seminations and patches. 3% pyrrhotite as disseminations and stringers.       2.685       116.50       116.00       1.50       0.16       0.5         113.50       110.00       Seminated core. Sericitic alteration. Fractures at all asseminations and patches. 3% pyrite.       2.695       126.00       1.50       0.07       0.6       1.50       0.07       0.6       1.6       0.75       127.00       1.50       0.07				2000	111.30	115.00	1.30	0.21	0.9
0.95 metres of 70% asssive pyrite within the central pyrite crystals. 1-3% disseminated pyrrhotite within the assive pyrite.       268       115.00       165.00       1.50       1.50       1.64       1.3         117.00       169.00       681 TEF (2740)       268       115.00       165.00       1.50       1.64       1.3         117.00       169.00       681 TEF (2740)       268       116.50       118.00       1.50       0.16       0.5         118.00       100.01       fragments within the central pyrite iteration, locally sericitic. 4% pyrite as disseminations and stringers.       268       118.00       1.50       0.16       0.5         118.00       120.00       Semi-messive pyrite vein consisting of 50% pyrite.       269       118.00       115.00       1.50       0.16       0.5         118.00       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all series to the C.4, 2675       122.00       1.50       0.07       0.8         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all series 120.00       1.50       0.00       0.08       1.50       0.00       0.8         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all series 120.00       1.50       0.00       0.6       1	115.20	117.00	HINERALIZED ZONE: HONOILENGE PORPHYRY (6F4q74)	2007	113.00	113.00	2.00	V.2V	v.0
117.00         169.00         ASH TUFF (2%-07)         1.84         1.5         1.50         1.64         1.5           Brey to locally whitish. Laminated at approximately 50 degrees to the C.A. Locally precises. Meak chloritic aiteration, locally sericitic. 4% pyrite as disseminations, stringers and patches. 3% pyrhotite as disseminations and stringers.         265         116.50         116.00         1.50         0.16         0.5           118.80         120.60         Semi-massive pyrite vein consisting of 50% pyrite.         269         116.50         116.00         1.50         0.12         0.5           118.80         120.60         Semi-massive pyrite vein consisting of 50% pyrite.         269         116.00         1.50         0.12         0.5           211         115.00         118.00         1.50         0.12         0.5         261         117.00         1.50         0.12         0.5           213.10         121.00         1.50         0.47         0.47         0.43         0.47         0.47         0.45         0.407         0.8           123.10         131.50         Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.         265         125.00         1.50         0.407         0.8           123.00         1.55         0.18         0.27			0.95 metres of 70% massive pyrite within the central portion of the interval. 2% disseminated euhedral pyrite crystals. 1-3% disseminated pyrrhotite within the massive pyrite.						
117.00       149.00       HBH TUFF (2F4ar)         Srey to locally whitish. Laminated at approximately 50 degrees to the C.A. Locally brecciated. Weak chloritic alteration, locally sericitic. 4% pyrite as disseminations and stringers.       2687       116.50       118.00       1.50       0.16       6.15         110.00       120.60       Semi-massive pyrite vein consisting of 50% pyrite.       2687       116.50       118.00       1.50       0.16       6.15         110.00       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.4.       2685       121.00       1.250       1.50       0.12       0.5         126.01       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.4.       2685       122.00       1.50       0.12       0.9         2670       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all 2685       123.50       1.50       0.12       0.9         2637       127.00       1.50       0.04       0.8       1.30       0.04       0.8         127.00       1.50       1.50       0.02       0.5       1.50       0.02       0.5         128.10       130.00       131.50       1.50       0.02       0.8       0.7       0.8       0.7 <td></td> <td>,</td> <td></td> <td>2688</td> <td>115.00</td> <td>116.50</td> <td>1.50</td> <td>1.84</td> <td>1.3</td>		,		2688	115.00	116.50	1.50	1.84	1.3
Brey to locally whitish. Laminated at approximately 50 degrees to the C.A. Locally brecciated. Weak chloritic alteration. locally sericitic. 4% pyrite as disseminations and stringers.       2687       116.50       118.00       1.50       0.16       0.5         118.00       120.00       Semi-massive pyrite vein consisting of 50% pyrite.       2687       116.00       119.00       1.50       0.12       0.5         118.00       119.00       119.50       1.50       0.12       0.5         118.00       119.00       119.50       1.50       0.12       0.5         124.10       121.00       122.50       1.50       0.12       0.5         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all       2655       124.00       125.00       1.50       0.12       0.7         125.01       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all       2655       124.00       125.00       1.50       0.02       0.5         126.01       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all       2656       125.50       1.50       0.02       0.5         127.00       135.00       135.00       1.50       0.02       0.5       1.50       0.02       0.5 <t< td=""><td>117.00</td><td>169.00</td><td>AGH TUFF (2F4a7)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	117.00	169.00	AGH TUFF (2F4a7)						
269       116.50       118.00       1.50       0.16       0.5         113.80       120.00       Seei-massive purite vein consisting of 50% purite.       269       119.50       115.00       1.50       0.12       0.57         2611       119.50       119.50       1.50       0.14       0.7       251       119.50       1.50       0.15       1.60         2611       119.50       122.00       1.50       0.15       1.60       0.07       0.8         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       269       125.50       1.50       0.12       0.9         angles to the C.A.       269       125.50       1.50       0.00       1.8       0.09       1.3         269       100.00       131.50       1.30       0.02       0.8       269       133.00       1.50       0.02       0.8         152.00       107.00       Highly broken and fractured felsic fraggents up to 7.0 cs in length.       2700       131.50       1.50       0.02       0.8         152.00       1075.00       Angular to sub-rounced felsic fraggents up to 7.0 cs in length.       2701       133.00       137.50       1.50       0.40       0.8		•	Grey to locally whitish. Laminated at approximately 50 degrees to the C.A. Locally brecciated. Weak chloritic alteration, locally sericitic. 4% pyrite as disseminations, stringers and patches. 3% pyrrhotite as disseminations and stringers.					•	
113.60       120.00       Semi-massive pyrite vein consisting of 50% pyrite.       2690       118.00       117.50       1.50       0.12       0.5         2671       119.00       117.50       1.20       1.50       0.14       0.7         2672       121.00       122.50       1.50       0.14       0.7         2673       122.50       124.00       1.50       0.12       0.9         angles to the C.A.       2675       124.00       1.50       0.12       0.9         2678       127.00       1.50       0.12       0.9       0.9         2678       128.50       127.00       1.50       0.00       0.8         2677       127.00       123.00       1.50       0.04       0.8         2679       130.00       131.50       1.50       0.04       0.8         122.00       105.00       Angular to suc-rounced felsic fraggents up to 7.0 cm in length.       2700       133.00       1.50       0.02       0.6         133.60       136.00       137.50       150.00       0.02       0.6       2701       133.00       1.50       0.02       0.6         132.00       133.00       135.00       1.50       0.40       1.				2589	116.50	118.00	1.50	0.16	6.5
2651       119.50       121.00       1.50       0.14       0.7         2252       121.00       122.50       1.50       0.15       1.6         2673       122.50       124.00       1.50       0.07       0.8         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2675       122.50       1.50       0.12       0.9         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2676       125.00       17.70       1.50       0.05       0.8         122.00       135.60       Angular to suc-rounded felsic fragaents up to 7.0 cm in length.       2700       131.50       1.30       0.40       0.8         132.80       136.70       25% semi-massive pyrite.       2701       133.00       1.50       0.04       0.8         133.80       136.70       25% semi-massive pyrite.       2704       137.50       139.60       1.55       0.04       1.55         146.14       146.24       25% semi-massive pyrite.       2704       137.50       1.50       0.04       1.55         146.14       146.24       25% semi-massive pyrite.       2704       137.50       1.50       0	118.80	120.00	Semi-massive pyrite vein consisting of 50% pyrite.	2690	118.00	119.50	i <b>.</b> 50	0.12	6.9
26:92       121.00       122.50       1.50       0.15       1.6         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2695       122.00       125.00       1.50       0.12       0.9         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2695       122.00       125.00       1.50       0.12       0.9         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2695       122.00       125.00       1.50       0.05       0.8         122.00       132.60       Angular to suc-rounded felsic fragments up to 7.0 cm in length.       2700       133.00       135.00       1.50       0.02       0.6         133.80       138.70       25% semi-massive pyrite.       2701       133.00       135.00       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrrhotite.       2704       137.50       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrrhotite.       2710       145.00       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrrhotite. <t< td=""><td></td><td></td><td></td><td>2651</td><td>117.50</td><td>121.00</td><td>1.50</td><td>0.14</td><td>0.7</td></t<>				2651	117.50	121.00	1.50	0.14	0.7
2693       122.50       124.00       1.50       0.07       0.8         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the 5.4.       2695       124.00       125.50       1.50       0.12       0.9         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the 5.4.       2695       125.50       127.00       1.50       0.07       0.8         132.00       105.00       Angular to sub-rounced felsic fragments up to 7.0 cm in length.       2700       131.50       130.00       1.50       0.02       0.8         133.60       136.00       1.50       0.04       0.8         133.60       136.00       1.50       0.02       0.8         133.60       136.00       1.50       0.02       0.8         133.60       136.00       1.50       0.02       0.8         2702       134.50       135.00       1.50       0.02       0.8         133.60       136.00       150       0.02       0.8         2703       136.00       150       0.04       1.5         2704       137.50       139.60       1.50       0.04       1.4         2705				2592	121.00	122.50	1.50	0.15	1.0
124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2695       124.00       125.50       1.50       0.12       0.9         124.10       131.50       Highly broken and fractured core. Sericitic alteration. Fractured at all angles to the C.A.       2695       125.50       127.00       1.50       0.02       0.9         125.00       125.00       Angular to sub-rounded felsic fragments up to 7.0 cs in length.       2695       131.50       1.30       1.50       0.02       0.6         132.00       131.50       1.50       0.04       0.8         152.00       105.00       Angular to sub-rounded felsic fragments up to 7.0 cs in length.       2700       131.50       1.50       0.02       0.6         133.60       135.70       25% semi-massive pyrite.       2701       133.00       1.50       0.02       0.6         133.60       136.70       25% semi-massive pyrite.       2704       137.50       137.50       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrrhotite.       2704       137.50       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrrhotite.       2701       133.50       145.00       1.50				26 <b>9</b> 3	122.50	124.00	1.50	0.07	0.8
angles to the C.A.       266       125.00       127.00       1.50       0.05       0.8         267       127.00       128.50       130.00       1.50       0.05       1.9         268       125.50       130.00       1.50       0.05       1.9         2697       130.00       131.50       1.50       0.05       1.9         2697       130.00       131.50       1.50       0.02       0.5         152.00       105.00       Angular to suc-rounced felsic fragments up to 7.0 cm in length.       2700       131.50       133.00       1.50       0.02       0.5         138.60       138.70       25% semi-massive pyrite.       2701       133.00       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrite.       2705       137.50       139.60       1.50       0.04       1.5         145.14       146.24       25% semi-massive pyrite.       2706       143.50       1.50       0.45       1.1         145.14       146.24       25% semi-massive pyrite.       2710       145.00       1.50       0.45       1.1         145.14       146.24       25% semi-massive pyrite.       2710       145.00       1.50       0.4	174.10	:31.50	Highly broken and fractured core. Sericitic alteration. Fractured at all	7695	(74.00	125.50	(1.50)	0.12	ù.9
152.00       155.00       Angular to suc-rounced feisic fragments up to 7.0 cm in length.       267       127.00       128.50       1.50       0.09       1.3         152.00       155.00       Angular to suc-rounced feisic fragments up to 7.0 cm in length.       2700       131.50       1.30       0.02       0.62         152.00       135.00       135.00       1.50       0.04       0.8         152.00       135.00       131.50       1.30       0.02       0.62         133.00       134.50       1.50       0.02       0.9         138.60       138.70       25% semi-massive pyrite.       2703       136.00       1.50       0.04       1.5         138.60       138.70       25% semi-massive pyrite.       2704       137.50       1.50       0.04       1.5         138.60       138.70       25% semi-massive pyrite.       2705       137.50       1.50       0.04       1.5         138.60       138.70       25% semi-massive pyrrhotite.       2704       137.50       1.50       0.04       1.5         146.14       146.24       25% semi-massive pyrrhotite.       2709       143.50       1.45.00       1.50       0.04       1.1         146.14       146.50       1	22.7420		angles to the C.A.	2696	125.50	127.00	1.50	0.05	0.8
2678       128.50       130.00       1.50       0.05       1.0         152.00       155.00       Angular to suc-rounded felicic fragments up to 7.0 cm in length.       2700       131.50       133.00       1.50       0.02       0.2         152.00       155.00       Angular to suc-rounded felicic fragments up to 7.0 cm in length.       2700       131.50       133.00       1.50       0.02       0.2         133.60       134.50       1.50       0.18       2.3         2701       133.00       135.00       1.50       0.02       0.9         133.60       136.00       137.50       1.50       0.02       0.9         2702       134.50       136.00       1.50       0.02       0.9         2703       136.00       137.50       1.50       0.04       1.5         133.60       137.50       139.60       1.50       0.04       1.5         2704       137.50       139.60       1.50       0.40       1.4         2705       137.50       140.50       1.50       0.40       1.4         2706       140.50       1.45.00       1.50       0.47       0.7         146.14       146.29       25% semi-massive pyrrhotite.				2697	127.00	128.50	1.50	0.09	1.3
2699       130.00       131.50       1.50       0.04       0.8         152.00       135.00       Angular to sub-rounded felsic fragments up to 7.0 cm in length.       2700       131.50       133.00       1.50       0.02       0.5         2701       133.00       134.50       1.50       0.18       2.3         2702       134.50       136.00       1.50       0.02       0.9         2703       136.00       137.50       1.50       0.02       0.9         2703       136.00       137.50       1.50       0.02       0.9         2703       136.00       137.50       1.50       0.04       1.5         2705       139.00       140.50       1.50       0.04       1.5         2706       140.50       145.50       1.50       0.40       1.4         2706       142.00       145.50       1.50       0.40       1.4         2707       143.50       146.50       1.50       0.47       0.7         145.14       146.24       25% semi-massive pyrrhotite.       2710       145.00       146.50       1.50       0.47       0.7         145.14       146.24       25% semi-massive pyrrhotite.       2711				2698	128.50	130.00	1.50	0.05	1.0
112.03       132.00       131.50       133.00       1.50       0.02       0.2         112.03       134.50       1.50       0.18       2.3         133.60       134.50       1.50       0.02       0.9         133.60       134.50       1.50       0.02       0.9         133.60       136.00       137.50       1.50       0.02       0.9         133.60       137.50       137.50       1.50       0.02       0.9         133.60       137.50       137.60       1.50       0.02       0.9         133.60       137.50       137.60       1.50       0.04       1.5         133.60       140.50       1.50       0.18       1.4         145.14       146.24       25% semi-massive pyrrhotite.       2704       137.50       137.60       1.50       0.40       1.4         145.14       146.24       25% semi-massive pyrrhotite.       2707       143.50       145.00       1.50       0.40       1.1         145.14       146.24       25% semi-massive pyrrhotite.       2710       145.00       146.50       1.50       0.47       0.7         145.14       146.50       148.00       1.50       0.44				2699	130.00	131.50	i.50	0.04	0.8
132.43       132.43       132.43       132.43       132.43       132.43       133.43       133.43       133.43       133.43       133.43       133.43       133.43       134.50       1.50       0.18       2.3         133.60       138.70       25% semi-massive pyrite.       2701       133.60       137.50       1.50       0.02       0.9         133.60       138.70       25% semi-massive pyrite.       2704       137.50       139.60       1.50       0.04       1.5         2705       139.00       140.50       1.50       0.18       1.1         2706       140.50       142.00       1.50       0.04       1.4         2707       143.50       145.00       1.50       0.40       1.1         2708       142:00       145.50       1.50       0.44       1.4         145.14       146.24       25% semi-massive pyrrhotite.       2710       145.00       1.45.00       1.45.00       1.50       0.47       0.7         2710       145.00       146.50       1.50       0.44       0.7       2711       146.00       149.50       1.50       0.20       0.8         2711       148.00       149.50       1.50       0.20 </td <td>175.45</td> <td></td> <td>Namela is not second dalais december of b. 7 0 second landb</td> <td>5700</td> <td>171 EA</td> <td>177 00</td> <td></td> <td>A 45</td> <td></td>	175.45		Namela is not second dalais december of b. 7 0 second landb	5700	171 EA	177 00		A 45	
2701       133.00       134.00       1.30       0.10       2.3         2702       134.50       136.00       1.50       0.02       0.9         2703       136.00       137.50       1.50       0.07       0.6         138.60       138.70       25% semi-massive pyrite.       2704       137.50       139.00       1.50       0.04       1.5         2704       137.50       139.00       1.60       0.18       1.1         2705       139.00       140.50       1.50       0.18       1.1         2706       140.50       142.00       1.50       0.40       1.4         2708       142.00       143.50       1.50       0.40       1.1         145.14       146.29       25% semi-massive pyrrhotite.       2710       143.50       145.00       1.50       0.47       0.7         145.14       146.29       25% semi-massive pyrrhotite.       2710       145.00       146.50       1.50       0.47       0.7         2711       145.50       146.00       1.50       0.47       0.7         2712       148.00       149.50       1.50       0.20       0.8	102730	100.VV	Highlas to sub-scanced feisic tragments up to 7.0 C# in length.	27W	131.30	100.00	1,30	0.VZ A 10	V.C 0.7
138.60       138.70       25% semi-massive pyrite.         2703       136.00       137.50       1.50       0.07       0.6         138.60       137.50       139.60       1.50       0.04       1.5         2704       137.50       139.60       1.50       0.04       1.5         2705       139.00       140.50       1.50       0.04       1.4         2706       140.50       140.50       1.50       0.40       1.4         2708       142:00       145.00       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.47       0.7         2710       145.00       146.50       1.50       0.47       0.7         2711       145.00       149.50       1.50       0.47       0.7         2712       148.00       149.50       1.50       0.47       0.7         2712       148.00       149.50       1.50       0.47       0.7         2712       148.00       149.50       1.50       0.20       0.8				2701	135.00	134,30	1.00	0.10	1.3 0.9
138.60       138.70       25% semi-massive pyrite.         2704       137.50       139.00       1.50       0.04       1.5         2705       139.00       140.50       1.50       0.1E       1.1         2706       140.50       142.00       1.50       0.40       1.4         2708       142.00       143.50       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.45       1.1         2708       142.00       145.00       1.50       0.45       1.1         2707       143.50       145.00       1.50       0.45       1.1         2708       142.00       145.00       1.50       0.45       1.1         2707       143.50       145.00       1.50       0.47       0.7         2710       145.00       146.50       1.50       0.47       0.7         2711       145.00       149.00       1.50       0.20       0.8         WTE a.				2702	134.00	137.50	1.50	0.07	0.A .
2704 137.50 139.60 1.50 0.04 1.5 2705 139.00 140.50 1.50 0.1E 1.1 2706 140.50 142.00 1.50 0.40 1.4 2708 142.00 143.50 1.50 0.40 1.1 2708 142.00 143.50 1.50 0.40 1.1 2707 143.50 145.00 1.50 0.45 1.1 2710 145.00 146.50 1.50 0.47 0.7 2711 145.50 148.00 1.50 0.04 0.7 2712 146.00 149.50 1.50 0.20 0.5	138.40	138.70	25% seci-massive ovrite.	1,00	100100	10/100	1100		
2705       139.00       140.50       1.50       0.1E       1.1         2706       140.50       142.00       1.50       0.40       1.4         2708       142:00       143.50       1.50       0.40       1.1         2708       142:00       143.50       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.40       1.1         2710       145.00       145.00       1.50       0.47       0.7         2711       145.50       148.00       1.50       0.04       0.7         2712       148.00       149.50       1.50       0.20       0.5				2704	137.50	139.60	1.50	0.0 <b>4</b>	1.5
2706       140.50       142.00       1.50       0.40       1.4         2708       142:00       143.50       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.40       1.1         2708       142:00       143.50       1.50       0.40       1.1         2707       143.50       145.00       1.50       0.05       1.1         145.14       146.24       25% sémi-massive pyrrhotite.       2710       145.00       146.50       1.50       0.47       0.7         2710       145.00       146.50       1.50       0.04       0.7       2711       146.00       149.50       1.50       0.20       0.5         LUB E A: LUB E				2705	139.00	140.50	1.50	. 0.18	1,1
2708       142:00       143.50       1.50       0.40       1.1         146.14       146.24       25% semi-massive pyrrhotite.       2707       143.50       145.00       1.50       0.05       1.1         146.14       146.24       25% semi-massive pyrrhotite.       2710       145.00       146.50       1.50       0.47       0.7         2710       145.00       146.50       1.50       0.47       0.7         2711       146.50       149.00       1.50       0.04       0.7         2712       148.00       149.50       1.50       0.20       0.8			·	2706	140.50	142.00	1.5	<b>0.4</b> 0	1.4
/ 2707 143.50 145.00 1.50 0.05 1.1 145.14 146.24 25% semi-massive pyrrhotite. 2710 145.00 146.50 1.50 0.47 0.7 2711 146.50 148.00 1.50 0.04 0.7 2712 146.00 149.50 1.50 0.20 0.6 100 0.04 0.7 2712 146.00 149.50 1.50 0.20 0.6	$\bigcap$			2 <b>708</b>	:42:00	143.50	1.50	0 <b>.4</b> 0	1.1
146.14 146.24 25% semi-massive pyrrhotite. 2710 145.00 146.50 1.50 0.47 0.7 2711 146.50 148.00 1.50 0.04 0.7 2712 148.00 149.50 1.50 0.20 0.8 MIRE A. MIRE A. MIRE A.	E C			2707	143.50	145.00	1.50	0.05	1.1
2710 145.00 146.50 1.50 0.47 0.7 2711 146.50 148.00 1.50 0.04 0.7 2712 148.00 149.50 1.50 0.20 0.5	146.14	146.24	25% sémi-massive pyrrhotite.						• _ =
				2710	145.00	146.50	1.50	0,47	<b>∛.</b> 7
				2711	146.50	148.00	1.50	0.04 A AA	<b>0.7</b> ∧ 7
			•	2/12	148.00	147.30	1.50 UR F	0.20 	1.20 1.2

# KIND GOLD CANADA INC.

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<ul> <li>12.00 10.00 4% setimative pyrite.</li> <li>12.00 10.00 4% setimative pyrite.</li> <li>12.00 10.00 4% setimative pyrite.</li> <li>12.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10</li></ul>	FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	4u g_ton	Aç g_ton
<ul> <li>162.30 162.50 453 seal-measure purite.</li> <li>162.30 162.50 453 seal-measure purite.</li> <li>162.30 162.50 453 seal-measure purite.</li> <li>163.00 169.00 143.50 1.53 0.23 0.23 1.271 155.50 17.50 1.53 0.24 0.0 1.271 155.50 17.50 1.53 0.24 0.0 1.271 155.50 17.50 1.53 0.24 0.0 1.271 155.50 17.50 1.55 0.23 0.23 0.23 0.0 1.271 155.50 17.50 1.55 0.125 0.23 0.23 0.0 1.271 155.50 17.50 1.55 0.155 0.12 0.23 0.23 0.0 1.271 155.50 17.50 1.55 0.155 0.17 0.0 1.271 155.50 17.50 1.55 0.155 0.17 0.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.0 1.271 155.50 17.50 1.55 0.12 1.1 12.1 12.1 12.1 12.1 12.1 12.1</li></ul>				2713	147.50	151.00	1.50	0.21	1.0
<ul> <li>162.80 162.70 453 semi-massive pyrite.</li> <li>162.80 163.70 453 semi-massive pyrite.</li> <li>162.80 163.70 453 semi-massive pyrite.</li> <li>162.80 163.70 453 semi-massive pyrite.</li> <li>163.00 169.00 Very light grey, locally glassy white with scattered laminations. Strong sericitic alteration. Silicenes caposition. 42 disseminated pyrite and 72 pyrhotite stringers.</li> <li>163.00 169.00 Very light grey, locally glassy white with scattered laminations. Strong pyrhotite stringers.</li> <li>164.70 254.00 (453 semi-massive pyrite.</li> <li>165.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70 163.70</li></ul>				2714	151.00	152.50	1.50	<b>0.29</b>	1.0
12.00       12.00       453 setimessive prite.         12.10       12.00       453 setimessive prite.         13.00       169.00       Very light grey, locally glassy white with scattered lainations. Strong sericitic alteration. Silicous coaposition. 47 disseminated prite and 27.       127.00       135.00       1.50       0.23       1.41.         143.00       169.00       Very light grey, locally glassy white with scattered lainations. Strong sericitic alteration. Silicous coaposition. 47 disseminated prite and 27.       127.01       135.00       1.50       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17       0.17				2715	152.50	154.00	1.50	0.02	. 1.1
<ul> <li>12.30 12.77 15.50 15.70 1.50 0.23 14.</li> <li>12.40 12.77 15.50 15.00 1.50 0.23 14.</li> <li>12.40 12.77 15.50 14.00 14.50 1.50 0.33 14.</li> <li>12.41 15.0 14.00 14.10 1.50 0.30 0.12 14.</li> <li>12.42 14.15 14.50 15.00 1.50 0.12 14.</li> <li>12.40 14.10 15.00 1.50 0.12 14.</li> <li>12.40 14.10 15.00 1.50 0.12 14.</li> <li>12.40 14.10 15.00 15.00 1.50 0.12 14.</li> <li>12.40 14.10 15.00 15.00 1.50 0.12 14.</li> <li>12.40 15.10 15.00 15.50 1.50 0.12 14.</li> <li>12.40 15.10 15.10 15.10 15.00 1.25 0.12 14.</li> <li>12.40 15.10 15.10 15.10 15.00 1.25 0.12 14.</li> <li>12.40 15.10 15.10 15.00 15.50 1.50 0.40 14.</li> <li>12.50 170.50 14.10 15.00 17.50 1.50 1.50 0.40 14.</li> <li>12.50 170.50 14.00 175.50 1.50 0.40 14.</li> <li>12.51 175.00 175.00 1.50 1.50 0.40 14.</li> <li>12.51 175.00 175.00 1.50 1.50 0.22 14.</li> <li>12.51 175.00 175.00 1.50 0.40 14.</li> <li>12.51 15.00 12.50 11.50 0.22 14.</li> <li>12.51 175.00 11.50 0.40 14.</li> <li>12.51 15.00 12.50 1.50 0.22 14.</li> <li>12.51 15.00 12.50 1.50 0.22 14.</li> <li>12.51 15.00 15.50 1.50 0.22 14.</li> <li>12.51 15.00 12.50 1.50 0.22 14.</li> <li>12.51 15.00 15.50 0.51 14.</li> <li>12.51 15.00 15</li></ul>			· ·	2716	154.00	155.50	1.50	0.60	1.1
162.00       162.00       452 seximassive pyrite.       153.50       1.50       0.23       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       0.43       1.53       0.10       0.10       0.40       1.53       0.10       0.10       0.40       1.53       0.10       0.10       0.40       1.53       0.10       0.40       1.53       0.10       0.40       1.53       0.40       1.53       0.40				2717	155.50	157.00	i <b>.5</b> 0	0.26	1.0
<ul> <li>162.80 162.80 452 semi-massive pyrite.</li> <li>162.80 162.80 452 semi-massive pyrite.</li> <li>163.00 169.00 453 semi-massive pyrite.</li> <li>163.00 169.00 453 semi-massive pyrite.</li> <li>163.00 169.00 165.00 1.50 0.23 0.2</li> <li>163.00 169.00 165.00 1.50 0.23 0.2</li> <li>169.00 169.00 165.00 1.50 0.10 0.10 0.10</li> <li>pyrrbutic stringers.</li> <li>169.00 250.00 1.50 0.10 0.10 0.10</li> <li>169.00 169.00 1.50 0.10 0.10 0.10</li> <li>169.00 155.00 150 0.10 0.10 0.10</li> <li>169.00 155.00 1.50 0.40 1.2</li> <li>169.00 175.00 150 0.10 0.10 0.10 0.10</li> <li>169.00 175.00 150 0.40 1.2</li> <li>170.50 170.00 150 0.40 1.2</li> <li>170.50 170.00 150 0.40 1.2</li> <li>170.50 170.00 150 0.40 1.2</li> <li>171.12 1.10 175.00 150 0.40 1.2</li> <li>172.11 175.00 175.00 1.50 0.40 1.2</li> <li>173.11 175.00 175.00 1.50 0.40 1.2</li> <li>174.11 175.00 175.00 1.50 0.40 1.2</li> <li>175.11 175.00 1.50 0.50 1.1</li> <li>17</li></ul>				2718	157.00	158.50	i.50	0.24	0.9
162.80       162.70       453 sect-assive pyrite.       272       160.00       163.50       1.50       0.73       0.4         163.00       167.00       Very light grey, locally glassy white with scattered laminations. Strong sericitic alteration. Siliceous composition. 4% disseminated pyrite and 2% pyrite and 2% pyrite and 2% pyrite trained scattered laminations. Strong the provide the scattered laminations. Strong 2724       164.50       165.00       155.9       0.17       0.4         169.00       264.00       K-HELFMK SevenShiftEr (WTas)       2725       166.00       155.9       0.67       0.2         169.00       170.50       1.54       0.67       0.2       0.67       0.2         169.00       170.50       1.54       0.67       0.2       0.67       0.2         169.00       170.50       1.55       0.67       0.67       0.67       0.67         161.50       170.50       1.55       0.67       0.67       0.60       1.55       0.67       0.67         161.50       170.50       170.50       1.50       0.60       1.55       0.67       0.67       0.67         165.50       170.50       170.50       1.50       0.60       1.57       0.60       1.57       0.60       1.57       0.60       1.57				2719	158.50	160.00	1.50	0.30	1.1
162.40       162.40       162.40       162.40       162.40       162.40       153.00       150.00       1.50       0.10       0.3         163.00       169.00       Very light grey, locally glassy white with scattered laminations. Strong sericitic alteration. Siliceous composition. 47 disseminated pyrite and Zi. 2724       164.50       165.00       1.50       0.10       0.3         109.00       Z8.40       K-FELEPW ENVENDINTE (VThe)       2725       165.00       157.50       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       157.00       1				2721	160.00	161.50	1.50	0.23	0.8
<ul> <li>163.00 147.00 Very light grey, locally glassy white with scattered lasinations. Strong sericitic alteration. Siliceous composition. 4% disseminated pyrite and 2% pyrmotite stringers.</li> <li>169.00 ZSA.00 K-FELERME GAMEDIGNITE (%7m6)</li> <li>169.00 K-FELERME GAMEDIGNITE (%7m6)</li> <li>170.00 K-FELERME</li></ul>	162.80	162.90	45% semi-massive pyrite.	2722	161.50	163.00	1.50	2.32	2.0
10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00       10:00 <td< td=""><td>147.00</td><td>140 00</td><td>Very light army locally alarry white with restinged laginations. Strong</td><td>7772</td><td>147 00</td><td>148 50</td><td>1.54</td><td>ñ 17</td><td>A <b>G</b></td></td<>	147.00	140 00	Very light army locally alarry white with restinged laginations. Strong	7772	147 00	148 50	1.54	ñ 17	A <b>G</b>
ber fille infersion: Soliceus Composition: Variasseminates prine and in       2175       164.00       167.30       1.63       0.12       1.7         104.00       ZZ6.40       K-FELBSPR GRADBIDITE (%7.65)       2725       166.00       167.30       1.53       0.12       1.63         White to light greyish in colour, fine-grained and locally granular. 4%       potassius feisor phenocrysts. Strong sericitic alteration. 4% pyrite as disseminations and stringers. 2%       2727       167.50       172.60       1.50       0.40       1.2         104.50       170.50       Verv broken and rubbly core. Frageents ranging free 1.0-10.0-ds in length.       2727       167.50       172.60       1.50       0.40       1.2         104.50       170.50       Verv broken and rubbly core. Frageents ranging free 1.0-10.0-ds in length.       2727       167.50       172.60       1.50       0.40       1.2         104.50       170.50       Verv broken and rubbly core. Frageents ranging free 1.0-10.0-ds in length.       2727       167.50       173.60       1.50       0.40       1.2         104.50       170.50       175.60       175.60       1.50       0.50       1.50       0.40       1.2       1.2         105.50       1.50       1.50       0.50       1.50       0.50       1.50       0.50	102.00	107.00	very light grey, locally glassy while with scattered laminations. Strong	2/23	103.00	104.30	1.00	0.10	V.7 A D
principal State         Data State         State </td <td></td> <td></td> <td>periodide stringer.</td> <td>2725</td> <td>164.00</td> <td>147 50</td> <td>1.50</td> <td>0.10</td> <td>1.0</td>			periodide stringer.	2725	164.00	147 50	1.50	0.10	1.0
167.00       Z36.40       K-FELBSPK BaNNEDURTE (FF7ac)         White to light greyish in colour, fine-grained and locally granular. 4% potassium feldspar phenocrysts. Strong sericitic alteration. 4% pyrite as disseminations are stringers. Z2 pyrrhotite as disseminations, stringers and patches.       2727       169.66       170.50       1.50       1.50       3.40       1.4         107.50       Very broken and rubbly core. Frageents ranging froe 1.0-10.0 cm in length.       2727       169.66       170.50       1.50       3.40       1.4         273       177.60       173.50       1.50       3.40       1.4       1.4         273       175.50       175.00       175.00       175.00       1.50       0.40       1.2         277       176.00       177.50       175.00       175.00       1.50       0.22       1.2         277       177.50       178.00       1.50       0.22       1.2       1.2       1.4         273       176.50       175.00       175.00       1.50       0.40       1.2       1.4         275       181.00       1.60       1.50       0.40       1.2       1.2       1.2         277       176.50       178.00       1.50       0.40       1.2       1.30       0.40       1.2 </td <td></td> <td></td> <td>pyrinderte serinders.</td> <td>2725</td> <td>167.50</td> <td>169.00</td> <td>1.56</td> <td>0.07</td> <td>0.5</td>			pyrinderte serinders.	2725	167.50	169.00	1.56	0.07	0.5
White to. Light greyish in colour, fine-grained and locally granular. 41 potassius feldspar phenocrysts. Strong sericitic alteration. 42 pyrite as disseminations and stringers. 72 pyrrhotite as disseminations, stringers and batches.          1s7.50       170.50       Verv broken and rubbly core. Fragments ranging from 1.0-10.0-cm in length.       2727       169.06       170.50       1.50       0.40       1.42         2728       170.50       175.00       1.50       0.40       1.42       1.53         2729       172.00       175.00       175.00       1.50       0.40       1.42         2730       177.50       175.00       175.00       1.50       0.40       1.42         2731       177.50       175.00       175.00       1.50       0.60       2.2         2731       177.50       175.00       1.50       0.60       2.2       1.3         2732       176.50       175.00       1.50       0.22       1.3         2731       180.00       182.50       1.50       0.46       1.6         2731       180.00       183.50       1.50       0.46       1.6         2731       180.00       183.50       1.50       0.46       1.6         2731       182.50       130.00       1.55       0.51       1.4	169.00	236.60	K-FELDSPAR GRANDDIORITE (9F7m6)	1/10	10,100	10.700	1100	••••	015
1s7.50       170.50       Verv broken and rubbly core.       Fraggents ranging froe 1.0-10.0-cs in length.       2727       145.00       170.00       1.50       0.40       1.4         2728       170.50       172.00       1.50       0.40       1.4         2729       172.00       175.00       170.00       1.50       0.40       1.4         2730       173.50       175.00       175.00       1.50       0.41       1.4         2731       175.00       176.50       178.00       1.50       0.42       1.3         2735       177.50       161.00       1.50       0.42       1.4         2735       177.50       161.00       1.50       0.42       1.5         2737       182.50       180.00       185.50       1.50       0.46       0.40         2737       182.50       187.00       1.50       0.46       0.40       1.5         2737       182.50       187.00       1.50       0.46       0.40       1.5         2739       185.56       187.00       1.50       0.50       1.51       1.4         2739       185.50       187.00       1.50       0.50       0.51       1.4			White to light greyish in colour, fine-grained and locally granular. 4% potassium feldspar phenocrysts. Strong sericitic alteration. 4% pyrite as disseminations and stringers. 2% pyrrhotite as disseminations, stringers and patches.						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	157.50	170.50	Very broken and rubbly core. Fragments ranging from 1.0-10.0-cm in length.	2727	169.00	170.50	1.50	0.40	1.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2728	170.50	172.00	1.50	0.60	1.6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2729	172.00	173.50	1.50	1.12	1.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2730	173.50	175.00	1.50	1.04	: 1.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2731	175.00	176.50	1.50	0.22	1.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2732	176.50	178.00	1.50	0.60	2.2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2734	1/8.00	1/9.00	1.50	0.51	1.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			· · · · ·	2/33	1/7.00	101.00	1.30	V.22 ハゴ)	1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2100	101.00	102.00	1.00	0.10 0.10	1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			$\cdot$	2737	194 (6)	107.00	1.00	0.46	3 B
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2739	185.50	187.00	1.50	0.62	i.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2740	187.00	138.50	1.50	1.36	1.3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2741	138.50	170.00	1.50	0.51	1.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			• • • • •	2742	190.00	191.50	1.50	0.34	1.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2743	191.50	173.00	1.50	0.05	1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				2744	193.00	94.50	1.50	0.06	1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-			2745	194.50	195.00	1.50	0.04	1.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2747	175.00	197.50	1.50	0.04	0.9
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			· .	2748	197.50	199.00	1.50	0 <b>.05</b>	0.8
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			•	2749	199.00	200.50	1.50	0.10	1.3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			, ,	2750	200.50	202.00	1.50	0.05	1.3
$\begin{array}{c} 2752 & 203.50 & 255.00 & 1.50 & 0.01 & 1.5 \\ 2753 & 205.00 & 236.50 & 1.50 & 0.01 & 1.2 \\ 2754 & 206.50 & 208.00 & 1.50 & 0.01 & 1.2 \\ 2755 & 208.00 & 209.50 & 1.50 & 0.01 & 0.5 \\ 2755 & 209.50 & 211.00 & 1.50 & 0.01 & 0.7 \\ 2757 & 211.00 & 212.50 & 1.50 & 0.02 & 0.5 \\ 2757 & 211.00 & 212.50 & 1.50 & 0.02 & 0.5 \\ 2757 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 212.50 & 214.00 & 1.50 & 0.01 & 1.5 \\ 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2758 & 2$			· · · · · ·	2751	202.00	203.50	1.50	0.02	1.4
2753       205.00       236.50       1.50       0.01       1.2         2754       206.50       208.00       1.50       0.01       1.2         2755       208.00       207.50       1.50       0.01       0.5         2755       209.50       211.00       1.50       0.01       0.7         2757       211.00       212.50       1.50       0.02       0.3         2755       212.50       215.00       1.50       0.01       0.7			·	2752	203.50	205.00	1.50	0.01	1.0
2754       205.00       2.00       0.01       1.2         2755       208.00       207.50       1.50       0.01       0.5         2755       209.50       211.00       1.50       0.01       0.7         2757       211.00       212.50       1.50       0.02       0.3         2755       212.50       215.00       215.00       0.01       0.1	$\int dx$			2/30	203.00 20/ 50	208.00	1.3V , EA	0.01	1.2
2755 208.00 207.50 1.50 0.01 0.5 2755 209.50 211.00 1.50 0.01 0.7 2757 211.00 212.50 1.50 0.02 0.3 2755 212.50 214.00 (.50 0.01 0.1				2/3 <del>9</del> 9755	206.00 206.00	208.00 205 60	1.30 ( EA	0.01	1.Z A D
			,	2/30	200.00	207.30	1.W 1 EA	0.01 0.01	. V - A'A
				2708 7757	207.30 711 AA	211.00	1,00 1 50	0.02	V./ 6 S
				1:0/ 9766	211.VV 212 56	212.0V 718 AA	1.5V ( 54	0.01 0.01	V.7 1 (

HOLE #: MC90-28

30ND GOLD CANADA INC.

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TĊ	WIDTH	Au g_ton	Ag g_ton
			2760	214.00	215.50	1.50	0.04	1.3
		· · · ·	2761	215.50	217.00	1.50	0.01	1.1
			2762	217.00	218.50	1.50	0.03	0.7
			2763	218.50	220.00	1.50	0.02	0.7
221.00	236.60	Scattered hornblende phenocrysts which are in part chloritized. Pervasive	27 <b>64</b>	220.00	221.50	i.50	0.21	0 <b>.</b> 8
		sericitic alteration and locally chloritic. 4% pyrrhotite as stringers and	2765	221.50	223.00	1.50	0.22	0.9
		patches. 2% disseminated pyrite.	2766	223.00	224.50	1.50	0.21	0.7
			2767	224.50	226.00	1.50	0.03	1.1
			2768	226.00	227.50	1.50	2.20	1.3
			2769	227.50	229.00	1.50	0.34	1.0
			2770	ZZ9.00	230.50	1.50	0.22	0.8
			2771	230.30	232.00	1.30	0.20	0.7
			2//3	202.00	200.00	1.50	10.50	1.7
			2//4 3775	200.0V 975 AA	200.00 574 40	1.30	0.VI 0. IA	1.1
77L LA	471 80	this estanded in summer 1001 doils areases to try and interest the Mare Tran	2//3	200.00	230.00	1.00	V.14	1.1
230.0V	732.37	at depth.				•		
. 236.60	244.04	CHLORITICLY ALTERED HOLVPLAG PORPHYRY (84763)					÷ .	
		<ul> <li>medium dark grey colour, medium grained, massive, porphyritic, nonmagnetic</li> <li>5% HBL remnant obenocrysts altered to chlorite and or py</li> <li>3% py disseminated, as pseudomorph of HBL, and as veins infilling fractures</li> <li>Alteration assemblage is primarily pervasive chlorite</li> <li>5-5% chlorite along fractures and as an alteration product of the HBL phenocrysts</li> </ul>						
				<b>69</b> 7 (A	<b></b>	4 15	6 <b>6</b> 8	
			21401	236.50	238.00	1.48	0.25	1.9
			2140Z	236.00	237.30	1.30	0.20	1.4
			21400	237.30	241.00	1.30	V.48 0.44	1.4
			21404	241.VV 282 AA	242.00	1.00	0.40	13.3
			71400	242.00	243.00 788 A8	1.00	0.10	1.0 1.0
244.04	254.55	HODERATELY FRACTURED HOLVPLAG PORPHYRY (8/167/12)	21700	2708117	277.07	1.07		741
		<ul> <li>medium grey-green colour, massive, mottled appearance due primarily to silicification, moderately fractured</li> </ul>	·					
		- up to 10% chlorite as fracture fillings						
		- Alteration is primarily chlorite and silica						
		- 2% pyrite disseminated and as veins infilling fractures - Tr-3% HSL phenocrysts altered to chlorite						
			71407	744.04	745.56	1.44	ù.04	1.5
			21408	245.50	247.00	1.50	0.02	1.6
		· ·	21405	247.00	248.50	1.50	0.08	2.4
$\frown$			21410	248.50	250.00	: <b>.</b> \$0	0.02	9.5
1			21411	250.00	251.5ú	1.50	0.02	2.2
			21412	251.50	253.00	1.50	0.03	i <b>.</b> 8
		8	21413	253.00	254.55	1.55	0.02	2.5
254.55	264.06	FINE GRAINED HELVPLAG PORPHYRY (804643)						

HOLE 1: HC90-28

FROM	TO	DESCRIPTION	SAMPLE	FROM	TQ	WIDTH	Au g_ton	ig g_ton
		<ul> <li>Greenish-grey colour, fine grained, massive, weakly porphyritic, moderately fractured, nonmagnetic</li> </ul>						
		<ul> <li>2-3% HBL phenocrysts altered to chlorite and or py</li> <li>3-5% Chlorite along fractures and as a replacement of the HBL phenocrysts</li> <li>3% py disseminated and as veins infilling the fractures</li> </ul>						
		- alteration is primarily silica and chlorite						
		· · ·	21414	254.55	256.00	1.45	0.24	1.
			21415	256.00	257.50	1.56	0.21	1.
			21416	257.50	259.00	1.50	0.15	1.
			2191/ 21419	237.00 760.50	260.30	1.50	0.02	<u>د</u> ا.
			21419	262.00	263.50	1.50	0.03	1.
			21420	263.50	264.06	0,56	0.01	2.
264.06	264.45	FAULT ZONE (FZ)						
		- ground core and fault gouge						
264.45	267.34	HELVPLAG PORPHYRY (BENGES)						
<del>-</del>		- same as 254.55 to 264.06						
			71471	764.0%	745.50	.44	6.04	1.
			21422	265.50	265.50	1.00	0.02	1.
			21423	266.50	267.34	0 <b>.84</b>	0.01	1.
267.34	270.34	CONRSE ASH TUFF (266d3)						
		- medium grey colcur, medium to coarse grained, massive, nonmagnetic, weakly fractured		•				
		<ul> <li>- Z% py disseminated and as veinlets along fracture surfaces</li> </ul>						
		- Tr-1% Chiorite along fracture surfaces					•	
		- Alteration is primarily silica						
			71474	267.34	263.75	1.41	0.08	1.
			21425	266.75	270.34	1.59	0.05	1.
270.34	310.92	HEL \ PLAG PORPHYRY (BBBU3)						
		- medium grey colour with a greenish tinge, massive, fine grained, siliceous with weakly porphyritic sections, moderately fractured, cherty appearance						
		- 3% py disseminated and along fractures as veinlets at about 60° T.C.A and along the core axis						
		- Tr-1% HBL phenocrysts up to 1 mm in size						
		- 2-3% Chlorite infilling fractures and as replacement of the Hbl phenocrysts - Alteration is primarily silica						
			21426	270.34	171.50	1.16	0.02	1
~.			21427	271.50	273.00	1.50	0.09	1
			21428	273.00	274,50	1.50	0.03	<u>+</u>
			21429	274.50	276.00	1.50	0.01	. 1
		· · · · · · · · · · · · · · · · · · ·	21430	176.00	277.50	1.50	0.07 0.01	4 4
			21931	277.30	2/7.00	1.30	V <b>.VO</b>	i.

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HOLE 1: HC90-28

FROM	TO	DESCRIPTION	SAMPLE	From	TO	WIDTH	Au g_ton	Ag g_tan
		· · · · · · · · · · · · · · · · · · ·	21433	280.50	282.00	1.50	0.11	0.7
•			21434	282.00	283.50	1.50	0.05	0.3
			21435	283.50	285.00	1.50	0.06	0.3
			21436	285.00	286.50	1.50	0.05	1.8
			21437	286.50	288.00	1.50	0.12	1.2
			21438	288.00	289.50	1.50	0.13	0.2
. 290 <b>.</b> 57	290 <b>.8</b> 7	Breccia - rounded porphyry fragments in a sulphide rich matrix						
			21439	289.50	291.00	1.50	ð. <b>18</b>	0.1
			21440	291.00	292.50	1.50	0.18	0.9
			21441	292.50	294.00	1.50	0.13	0.4
			21442	294.00	295.50	1.50	0.10	0.2
			21443	295.50	297.00	1.50	0.18	0.1
			21444	297.00	298.50	1.50	0.20	0.9
				<b>200</b> 54	700.00		A 15	A .:
278.50	308.97	Weak Unioritic Alteration	21443	298.30	201.60	1.50	0.18	0.5
			21990	201.00	301.30	1.50	. 0.08	1.0
			21997	301.30	303.00 704 EA	1.50	0.10	1.0
			21440	704 50	304.30	1.50	0.00	1.5
$\bigcap$			21447	304.00	307.50	1.50	0.17	0.9
ć			11400	000100	007700	1.00	V120	•••
308.97	310 <b>.9</b> 2	Breccia	21451	307.50	309.00	1.50	0.45	1.2
		- fragment supported, angular fragments with 7% py and po within the matrix	21452	309.00	310.00	1.00	0.24	1.2
TIA 07	<b>717 7</b> 4	COMPERATIVE (20145)	21453	310.00	310.92	0:92	0.12	0.1
310.72	212.30	CUMNE HER SUIT (2005)		·				
		- medium green colour, coarse grained, massive with porphyritic and brecciated		•				
		sections interspersed throughout					,	
		- varying alteration - primarily silica often complete with chiefite						
		- 5-34 py disseminated and along tracture planes						
		- 3-34 Chiefite as tracture initiangs						
		<ul> <li>- π-14 με αιδρεπικάτει diα diany fractares</li> <li>- 7.57 με stoppergrafe is continue often alterni to Chlorite</li> </ul>						
716-92	717 78	a du nue prenou poto in petitiono orten altenea to onnorite Amerria	21454	310.97	312.36	1.44	0.12	0. t
010171	01.110	- annular normbyry frameents in a chlorite and silica satrix	71455	312.36	313.50	1.14	0.06	0.1
		- Enntart 7one777	21456	313.50	315.00	1.50	0.34	0.5
			21457	315.00	316.50	1.50	0.11	0.7
. 310.92	331.00	-moderate chlorite alteration	21458	316.50	318.00	. 1.50	0.17	1.2
			21459	318.00	319.50	1.50	0.10	0.4
			21 <b>46</b> 0	319.50	321.00	1.50	6.20	0.3
75, 44		Character Difficulture Character Annual Character	744/4	774 00	777 54	1 50	0 <b>79</b>	6 F
3 <b>7110</b> 0	337 <b>.</b> 73	Strongly Silicified with a LAPTY Appearance	21461	321.00	344.30	1.70 ( EA	0.3Z A E2	v.∂ + =
		- 34 NDL CHENOCRYSIS ALTERED TO BY	11 <b>467</b>	022000 774 AA	324.00 The ea	1.3V ( EA	V.36 A 77	1.J 1./
		- if Wuartz-Carbonate Tracture Tilling	21900	324.00	323.30	1.89	0.33 A 41	1.0
$\sum_{i=1}^{n}$		- moveracely fractored at low angles to the core dats and at ov to the core swirit C.A.L.	21709 71816	323.8V 777 MA	317.00 770 FA	1.50	v.ud () 55	1.1
		2472(1+U+N+)	21403 71411	327.00	325.00	: 50	0.00	.1.5
		,	21700	020.00 370 60	77; 50	1.50 K 50	0. <b>4</b> t	
			71468	331 50	333.00	1,50	6.77	6. <b>7</b>
			647VV	001100		1.00		¥#7

SOND GOLD CANADA INC.

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HOLE - PAGE # 9 of 13

HOLE #: HC90-28

ritOM	TO	DESCRIPTION	SAMPLE	FROM	TO .	WIDTH	Au g_ton	Aq q_ton
			21470	334.50	336.00	1.50	0.52	2.5
			21471	336.00	337.00	1.00	0.57	1.4
		·	21472	337.00	337.73	0.73	0.08	2.1
337.73	347.02	HBL \ PLAG PORPHYRY (85743)						
		<ul> <li>medium green colour, coarse grained, massive, porphyritic</li> <li>8% Plagioclase phenocrysts, euhedral habit, up to 3mm in size, sausseritized</li> <li>3% HBL phenocrysts commonly altered to chlorite</li> <li>Alteration - moderate silica, chlorite and sericite</li> <li>3% py disseminated and along fractures</li> <li>Tr Quartz-Carbonate fracture filling</li> </ul>						
			n 1 1 77	777 77	770 00		A 41	
			214/3	33/./3	337.00	1.27	V.41	Z.4
			214/4	339.00	340.50	1.50	0.07	1.1
			214/3	340.30	342.00 747 60	1.30	V.20 A AI	γ.( 
		· · ·	219/0	392.00 787 BA	343.00 745.00	1.30	0.05	V. A
			219//	343,00	343.00	1.3V 1.00	0.07	( (
			21470	781 AA	340.00	1.00	0.07 0.17	1.
47.02	355.23	FINE GRAINED HBL/PLAG PORPHYRY (8A67/3)	11477	010100	J7/4VL	1774	V.17	4 11
		<ul> <li>- 3% Plagioclase phenocrysts upto 2 mm in size, euhedral habit</li> <li>- 1% HBL phenocrysts up to 2 mm in size altered to chlorite</li> <li>- Alteration is primarily silica + Chlorite</li> <li>- 5% Chlorite as an alteration of the HBL and along fractures</li> <li>- 3% pv disseminated and along fractures</li> <li>- 2% Guartz-Carbonate fracture filling</li> <li>- Frimary fracture direction appears to be 45° and 60°</li> </ul>						
			21 <b>48</b> 0	347.02	348.50	1.48	0.29	1.
			21481	348.50	350.00	1.50	0.14	1.
			21 <b>48</b> 2	350.00	351.50	1.50	0.32	1.
		·	21483	351.50	353.00	1.50	0.22	0.
			21484	353.00	354.50	1.50	0.14	<b>0.</b>
55.23	371.12	HBL\PLAG PORPHYRY (BA3d3)	21485	354.50	355.23	0.73	0.40	1.
		<ul> <li>light green-grey colour, coarse grained, porphyritic, massive, unaltered to minor alteration</li> <li>5-10% Plagioclase phenocrysts, echedral habit, up to 3 mm in size, sausseritized</li> </ul>						
		<ul> <li>- 6-8% HRL phenocrysts euhedral habit, up to 3mm in size commonly altered to chlorite</li> <li>- 7% Guartz-Carbonate veing generally at angles of &gt; 45%</li> </ul>						
-		- 3% py disseminated and as veinlets infilling fractures						
	•		TIARA	<u>755</u> 97	354.50	; 77	6.78	1
			21700	354 50 354 50	355.00	1.5A	0.17	• i
			71488	358.00	359.50	1.50	0.10	1. 6.
			T1-00	000100		1102		, vi

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## SOND GOLD CANADA INC.

HOLE - PAGE # 11 of 13

C ROM	TO DESCRIPTION	SAMPLE	FROM	TO	HIDTH	Au g_ton	Aq g_ton
<u> </u>		-21490	361.00	362.50	1.50	0.15	1.3
		21491	362.50	364.00	1.50	0.17	1.1
		21492	364.00	365.50	1.50	0.10	1.6
	· · ·	21493	365.50	367.00	1.50	0.17	1.7
		21474	367.00	368.50	1.50	<b>Ú.14</b>	1.1
	·	21495	368.50	<b>370.0</b> 0	1.50	ú <b>.2</b> 0	0 <b>.8</b>
		21496	370.00	371.12	1.12	0.11	0.6
371.12 381	1.00 FINE GRAINED TO COMPSE AGH TUFF (1\2A7d3)						
	- dark green colour, generally fine grained with some minor bedding to	coarșe	·				

grained with a massive appearance

- Alteration - moderate to strong Chlorite + Silica

- 3-5% py disseminated and along fracture planes at 60° and along the core axis
- Bedding\Banding tends to be down the axis of the core
- 2-3% Guartz-Carbonate veinlets generally at steep angles to the core axis
- UCT = 23° graphite slip LCT = 20°

21477	371.12	372.50	1.33	<b>0.2</b> 8	1.7
21498	372.50	374.00	1.50	0.20	1.2
21499	374.00	375.00	1.00	0 <b>.30</b>	1.3
21500	375.00	37 <b>5.78</b>	<b>0.78</b>	0.10	1.0
21501	375.78	377.00	1.22	0.16	i.3
21502	377.00	378.50	1.50	0.05	0.9
21503	378.50	380.00	1.50	0.10	2.0
21504	330.00	381.00	i.00	0.05	1.3

### 381.00 403.90 STRENELY ALTERED PORPHYRY (BENEW3)

- light medium grey-beige with a pinkish cast, very silicic, medium grained, porphyritic, massive - Possibly a Tuff
- 5-8% Plagioclase phenocrysts up to 2 mm in size, euhedral habit, commonly sausseritized
- Strongly altered silica + K alteration in some sections
- 1% Quartz-Carbonate micro-fracture and fracture fillings
- 3-5% py disseminated and as fracture filling veinlets
- 3% Quartz clots upto 1 cm in size

799.00	791-00	- 861	ninonarvete	altered to	-hiorita
2471272		1101		allered to	

21505	381.00	332.50	1.50	0.23	0.9
21506	382.50	334.00	1.50	0.20	0.9
21507	384.00	385.50	1.50	0.07	1.3
21508	385.50	387.00	1.50	0.10	0.i
21509	3 <b>87.</b> 00	388.50	1.50	0.11	5,1
21510	383.50	396.00	1,50	0 <b>.</b> 17	0.4
04E47	734 44	776 80	. 5.	5 ( <del>T</del>	
21 <b>3</b> 11	370.00	071,00	1.00	V+1/	V.0
21512	331.50	393.00	1.50	0.23	2.2
21 <b>5</b> 13	393.00	. 394.50	1.50	0.15	1.0
21514	374.50	376.00	1.50	Û.J4	ű.3
21515	396.00	397.50	1.50	•	1.1
21515	397.50	379.00	1.50 y		1.0

### 378.25 399.00 80% Very Fine Grained Sill With Chill Margins

HOLE #: MC90-28

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	iq g_tan
		- contact is sub-parallel to the core axis						
	-		71517	379.06	400.50	1.50		1.7
			21518	400.50	402.00	1.50		0.7
			21519	402.00	403.00	1.00		0.9
			21520	403.00	403.90	0,90	•	€.4
403.90	408.20	CONREE ASH TUFF (2A6d3)						
		- medium green colour, massive, coarse grained, gritty, nonmagnetic - Alteration - moderate Chlorite						
		- ucto 3% pv and po disseminated and infilling fractures						
		- 1-2% Plagioclase crystals up to 1 em in size						
		- Tr-1% HSL phenocrysts up to 1 am in size altered to chlorite						
		- 3% Quartz-Carbonate fracture fillings						
		<ul> <li>Lower contact is gradational from moderate to strongly altered tuffaceous material</li> </ul>						
			21521	403.90	405.50	1.60		<b>0.</b> 9
			21522	405.50	407.00	1.50		1.0
			21523	407.00	408.20	1.20		0.6
JA9.20	419.69	strongly altered conge ash tuff (284803)						
		<ul> <li>light green to mauve colour, strongly silicified with some sections taking on a cherty appearance, medium grained, massive, nonmagnetic</li> </ul>						
		<ul> <li>strongly fractured infilled with Quartz-Carbonate + sulphides + chlorite</li> <li>3% py disseminated and as veinlets infilling fractures</li> </ul>						
			21524	408.20	409.50	1.30		1.3
			21525	407.50	411.00	1.50		1.2
			21526	411.00	412.50	1.50		1.4
			21527	412.50	414.00	1.50		<u>0.7</u>
			21528	414.00	415.50	1.50		1.2
416.74	419.49	Blocky Scound	21529	415.50	417.00	1.50		0.4
			21530	417.00	418.50	1.50		2.0
			21531	418.50	419.69	1.17		2.4
419.69	431.59	Hellplag Porphyry / Coarse agh Tuff (8/20601)						
		- medium green colour, medium to coarse grained, porphyritic, missive,						
		- TY Planinglace engenerate with 1 mm in size pubedral bahit						
		<ul> <li>- 1% HBL phenocrysts upto 2 mm in size altered to chlorite</li> <li>- 2% chlorite as an alteration product of the HBL and as fracture fillings</li> </ul>						
		<ul> <li>- 2% Quartz-Terbonate micro-fracture fillings</li> <li>- 1-2% py disseminated and along fracture planes</li> </ul>						
<u> </u>		•	21532	419.67	421.00	1.31		2.4
•			21533	421.00	422 <b>.50</b>	1.50		1.7
423.52	423.90	5111						
		<ul> <li>very time graines sill with chilled #argins</li> <li>contact is along the core axis</li> </ul>						

HOLE 4: HC90-28

SOND GELD CANADA INC.

HOLE - PAGE # 13 of 13

FROM TO	DESCRIPTION	SAMPLE	FROM	TJ	WIDTH	Ac: g_ton	Ag g_ton
		21534	422.50	424.00	i.50		2.3
425.00 426.50	5ill - same as 423.52 - 423.90	21535	424.00	425.50	1.50		1.9
		21536	425.50	427.00	1.50		

431.59 431.59 E.O.H.

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						• .								
3000 GI		anada	INC.	0	IAMOND DRILL H	ole report					ĥaġ	e il i o	ri 13	
IDLE NO. PROPERTY LOCATION LAIM NO. ARGET STARTED TINISHED VECTION COMMENTS	HC90-4: RED NTI MARC ZI ORO 1 MARC ZI AUG 2 AUG 2	1 <x+ N. CNE CNE /90 /90</x+ 	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	96.87 -124.65 2035.51 -124.65 96.87 E.TIMOSHENKO A. BRAY BQ TW	DH COMP. BEI Grid Orient DH Grid AI. DIP-Collar Length (=) , Drill Cg. Drill NO. Forenan	AR 90 . 360 270 -85 <b>24 1-6</b> FALCON 1000/1 K. Hiller	Depth 91.4 249.9 387.5	Dip A: - 85 - 86 - 85	zimutn Test   279 SPER 317 SPER 327 SPER	Depth Dip 182.9 304.2	Azimuth - 85 24 - 85 3	Test 376 SPER 37 SPER		385
FROM	TŪ		DESC	ription					<u>- 157 &gt;</u> SANFLE	FROM	10	WIDTH	Au	
SLIVING	, ,											<u>.</u> .	<u></u>	
0.00	1.50	CASING												
1.50	92.35	HORNELE	ice/plagicol	ARE PORPHYRY	(977=2)								·	
er.35	92.90	guartz-	Cargonate ve	ein (gev)									•	
92.90	107.85	CRYSTAL	TUFF (SF2n2	3										
107.85	1 <b>89.7</b> 0	HORMELE	DE/PLAGIOC	AGE PORPWARY	(8F6a2)									
189.70	196.40	Fallt Z	DNE" (FZ/13C7	a2/9C7a2}										
196.40	249.90	Hornele	CE/PLAGICEL	ASE PORPHYRY	(8F6ef)									
249.90	253.57	STARTIN	6 POINT (91)	and Ending P	DINT (90) DIFFI	R BY 3.5 a.							•	•
249.90	250.38	fault zi	DNE (FZ)											
250.38	261.42	HELVPLA	g porphyry (	KZ\ <b>8607</b> n7}										
261.42	263.03	ARGILLI	TE (1308 <b>85</b> )											
263.03	263.37	FAULT Z	de (FZ)											
263.37	290.98	ARGILLI	ie (1307a6)											
290.98	307.10	HELVPLA	5 Porphyry (	efie3)										
307.10	314.24	BRECCIA	\ CONTACT Z	dhe \ Interch	ATED ANGILLITE	e and tuff (C	Z\BX\IAT63	<b>1</b> }						
214,24	324.95	FINE OR	ained Agh Tu	FF \ INTERCALI	ATED ARBILLITE	and tuff (Ia	T <b>\167a2</b> )							
324.95	325.05	FALLT Z	de (FZ)					,						•
325.05	336.05	FINE OR	NINED ASH TU	FF \ INTERCALI	ATED ARGILLITE	AND TUFF (IA	T\157a2)							

BOND	GOLD	CANADA	INC.		HOLE	-	PAGE #	2	of	13
------	------	--------	------	--	------	---	--------	---	----	----

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIETH	Au	÷ą
							o_ton	<u>c_ton</u>

336.05 336.10 FALLT GUIGE (FZ)

336.10 337.28 SENI-MAGBIVE SLIPHIDE (MS)

337.28 348.01 INTERCALATED ANSILLITE AND TUFF WITH COARSE ASH TUFF (1\2\IATF4A3)

368.01 374.06 BRECCIA \ CONTACT ZONE (BX\C287d3)

374.06 386.03 HELVPLS PORPHYRY (88943)

386.03 386.03 E.O.H.

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nd g	LD C	ANADA INC. HOLE - PAGE # 3 of 13		·				
FROM	70	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ĥợ g_to
0.00	1.50	CASING						
1.50	92.35	HONOLENCE/PLAGICICLARE PORPHYRY (8F7s2)						
		Breenish-arev in colour.						
		Approximately 10 to 15% 2.0 m sericitized plagioclase phenocrysts, euhedral to subhedral.						
		4 to 6% chloritized and often sulphidized hornblende phenocrysts, most					•	
		Matrix strongly sericitized, weakly chloritized and carbonatized. Strongly fractured, infillings of black chlorite mainly, also carbonate and						
		suiphides. Sheared fracture surfaces common.					·	
		1-2% pyrite and pyrrhotite as disseminations, small stringers, and small blebs common in quartz-carbonate veinlets.						
1.50	6.60	Fractured and proken core, strong limonitic stain.	4665	1,50	3.00	1.50	0.01	
		Most sulphides weathered out.	4666	2.00	4.50	1.50	0.02	
			4667 AUD	4.50	6.00	1.50	0.01	
_			9008 4667	6.W 7.50	7.00 9.00	1.50	9.02	
· .			4670	7.00	10.50	1.50	0.01	
11.03	14.40	Phenocryst larger and more well formed.	4671	10.50	12.00	1.50	0.02	
		Approximately 5 to 10% euhedral to subhedral hornblende phenocrysts, 2.0-4.0m dark green to pinkish-brown, chloritized and often replaced by pyrrhotite. 3 to 5% euhedral to subhedral feldspar phenocrysts, 1.0-3.0 m, white to	4672	12.00	13.50	1.50	0.02	
		grey, sericitized and/or carbonatized. Anhanitic cilicenus matrix, meakly sericitized.						
		Locally strongly fractured, black chlorite and/or calcite infillings.						
		2-3% pyrrhotite and pyrite, mostly disseminated, minor stringers, less than						
14.40	1 <b>4.8</b> 0	0.5 cm. Strongly sheared and altered, possibly a highly altered heterolithic, brencia						
		Brecciated fragments of hornblende-plagioclase porphyry and silicified argillite, 1.0-3.0 cm, in a sheared, silicified and chloritized fine-grained						
		matrix.						
		3-4% ovrite. 2-3% ovrrhotite and trace schalerite.						
		Pyrite occurs mostly in granular aggregates up to 3.0 cm.						
		Pyrrhotite occurs in irregular stringers and blebs up to 2.0 cm.						
14.80	15.40	6-77 pyrrhotite and 3% pyrite.	4673	13.50	15.00	1.50	÷.63	ŧ
15.95	15 <b>.2</b> 0	Granular apprepates and veins of pyrite, to 2.0 cm, at 20 degrees to the C.A.						
			4674	15.00	15.50	1.50	0.02	;
	29.30	Description as per i1.03 to 14.40 metres.	4675	15.50	18.00	1.50	0 <b>.03</b>	
		Strong limonite stain on fracture surfaces.	4675	18.00	17.50	1.50	0.01	i
		1-2% pyrite and pyrrhotite, trace chalcopyrite, disseminated and minor 0.5	4677	17.50	21.00	1.50	0.02	
		•						

HELE #: NC90-41

SCIND GOLD CANADA INC.

MARTIN

HOLE - PAGE # 4 of 13

( )								
FROM	75	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au	ĤQ
							g_ton	g_ton
<u></u>								
			4681	24.00	25.50	1.50	0.03	
		·	4682	25.50	27.00	1.50	0.01	0,9
			4683	27.00	28.50	1.50	0.01	1.1
29.20	30.30	Intercalated greenish-grey silicified argillite.	4684	28.50	30.00	1.50	0.03	1.5
		Strongly silicified and sheared, bedding destroyed.	•					
		Shearing appears to be at roughly 35 degrees to the C.A.	•					
		Minor brecciated fragments, up to 4.0 cm.						
		1-2% disseminated pyrite and pyrrhotite.						
		Trace to 1% sphalerite, small blebs.						
		Trace chalcopyrite,					•	
30.30	46.10	Description as per 1.50 to 11.30 metres, though not as strongly altered.	4685	30,00	31.50	1.50	0.02	1.5
		1.0-3.0 m feldsoar ohenocrysts, subhedral, hornblende foros in anhedral.	4686	31.50	33.00	1.50	0.61	1.2
		chioritized clots and subheoral crystals.	4687	33.00	34.50	1.50	0.01	1.7
		weakly sericitized and chloritized matrix.	448R	34.50	34.00	1.50	0.04	1.7
		Westiv to projectely contraction	6600 6848	74 MG	37 56	1 5.5	0.07	1.7
		isomitic stain on tractures at 0 to 20 decrees to the $\Gamma$ 0	AAGA	30.00	79.00	150	5.VZ	1.1 1 7
•		(-7) quarta-rarbonate veiniete at 70 to 90 degrees to the 5 m.	4697	79 00	37.W	1.50	0.05	1.6
		1-74 dual 12-Calibolistic verifield at 70 to 70 degrees to the c.m.	107	80.50	12.00	1.50	0.01	11
41 06	45 70	The discentification pyrate and pyratolice.	-010	70.00	92.00	1.00	V.VI	1.41
71+79	42.00	Tregular pyrite aggregates up to 2.0 cm.	860A	10 00	47 EA	1 20	5. <b>69</b>	a 0
(			9074 #405	92VV 17 64	40.UV 45.00	1.50	0.02	1.0
N.			<del>4</del> 07J	40100	43.00	1.00	0.02	1.0
46.10	47.70	Description as per 11.03 to 14.40 metres.	4656	45.00	46.50	1.50	0.01	0.9
		Weakly chloritized matrix.						
		1-2% pyrrhotite and pyrite, mostly disseminated, minor fine stringers.						
		Everyhotite replacement of hornblende phenocrysts common.			•			
47.70	56.30	Description as per 30.30 to 47.70 metres.	4697	46.50	48.00	1.50	9.04	1.2
		1-2% pyrite and pyrrhotite as disseminations and fine stringers, less than	4698	48.00	49.50	1.50	0.02	1.2
		1.0 ca.	4699	49.50	51.00	1.50	<b>0.01</b>	1.1
48.90	51.50	Fractured and broken core, recovery about 90%.			,			
;		Pervasive limonitic stain.						
			4700	51.00	52.50	1.50	<b>0.02</b>	1.2
			4701	52.50	54.00	1.50	0.01	1.3
			4702	54,00	55.50	1.50	9.03	1.1
		· · ·						
56.30	60.50	Description as per 11.03 to 14.40 metres.	4703	55.50	57.00	1.50	0.0 <b>2</b>	1.1
		Moderately to strongly fractured.	4704	57.00	56.50	1.50	ं <b>.02</b>	1.6
		1-2% ovrite and ovrrhotite disseminations and fine stringers.	4705	58.50	60.00	1.50	0.01	<b>0.7</b>
		Fyrrhotite replacement of hornblende phenocrysts common.						
<b>58.</b> 20	58.33	Quartz-carbonate vein at 55 degrees to the C.A.						
		Limonitic stained, trace to 1% ovrite.						
50.6V	73.50	Description as per 11.03 to 14.40 metres.	4707	60.00	51.50	1.50	0.02	- 1.0
		Strongly tractured and locally brechiated.	4708	61.50	63.00	1.50	0.19	1.3
		Limonite staining compon along fractures. Incally pervasive.	4709	63.00	64.50	1.50	ð. <b>2</b> 8	1.5
		Ince incally has a minkish colour, sunnection ontassic alteration	1710	64.50	na 00	1.50	ú.16	1.7
		Moderately to strongly carbonatized and chipritized.	4711	66.00	67.50	1.50	6.66	0.9
(	•	(-32, 7, 0-7, 0) a must r-carbonate voint at at 70 to 30 degrees to the C.4	4712	67.50	20 00	1.50	0_0 <b>7</b>	1.7
		1-32 nurity, 1-72 nurrhnits as discensioning and fine ettingers	4713 1713	49 AA	70 50	1.50	0.01	1.1
<b>_:</b> 46	14 R.	1 we pyrate i z ze pyrawize ao uzocminotono em fillo bi ingro. 1-47 nyrite, granniar angronotes and cirinners up to 2 0 re	7/13	074VV	/ V / OV	1.00	A1A7	
9447V	94.9V	is an privery granatar aggregates and so ingers, up to 210 tm. Trans in 17 nurrhalite and chalenavrite						
		a waa ay ay ay maala waxa waxa waxa waxa waxa waxa waxa			•			

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SOND GOLD CANADA INC.

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HOLE - PAGE # 5 of 13

FROM	70	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aç ç_ton
			4714	70.50	72.00	1.50	6.01	1.0
			4715	72.00	73.50	1.50	6.02	1.3
73.50	97.35	Description as per 11.03 to 14.40 metres.	4716	73.50	75.00	1.50	<i>v</i> .01	1.2
		Weakly chloritized matrix.	4717	75.00	76.50	1.50	0.01	1.1
		1-2% pyrite and pyrrhotite disseminations.	4715	76.50	78.00	1.50	<b>0.02</b>	0.9
			4719	78.00	79.50	1.50	0.01	1.1
		• .	. 4720	79.50	61.00	1.50	0.05	0.5
			4721	81.00	82.50	1.50	0.02	0.8
			4722	82.50	84.00	1.50	0.01	i) <b>.</b> 9
			4724	84.00	85.50	1.50	0.01	0.8
			4725	85.50	87.00	1.50	ú <b>.03</b>	1.0
87.25	87.40	Guartz-carbonate vein at 35 degrees to the C.A., pinkish colour. Pyrite blebs up to 2.0 cm along contacts.					•	
			1772	<b>67</b> AA	39 50	1 EA	0.02	
			1/10 1777	07.VV 00 5A	96.30	1.30	0.02	1.0 A C
			4727 1775	50.00	91.50	1.00	0.02	V.7 () O
97 75	92 96	(1)077	7/20	/ • • • • •	14800	1100	V1V4	¥#7
72:00	72.74							
(		Quartz-carbonate vein. Upper contact at 50 begrees to the C.A., lower contact at 30 degrees to the core axis. White, cherty to saccharoidal quartz and vellowish to white						
		carbonate. 5-7% sphalerite, 4-5% galena, 2-4% pyrite.			•			
		Sulphides occur as 0.5 cm blebs, also finely disseminated.						
92.90	107.85	CRYSTAL TUFF (SF2m2)						
		Greenish-orey in colour.						
		Roughly 5 to 15% feldspar crystals and crystal fragments, 1.0-3.0 m. in a						
		siliceous fine ash matrix.						
		2 to 4% lithic fragments, most less than 1.0 cm.						
		Weakly sericitized and chloritized matrix.						
		Weakly fractures, inflifed by black chiorite, carbonate.						
		LOCALLY GRADES INTO COARSE ASA LUIT.						
		Trans in 17 disconnated pyrintite						
			4729	71.50	93.00	1.50	0.03	46.0
53,20	93.30	1.0 cm quartz-carbonate vein at 30 degrees to the C.A.						
		Sphalerite and galena blebs up to 5.0 m.						
			4730	73.00	94.50	1.50	0.02	2.4
			4731	94.50	96.00	1.50	0.04	1.6
			4732	96.00	97.50	1.50	• 0.01	1.6
		•	4733	97 <b>.</b> 50	99.00	1.50	0.04	0.7
$\bigcap$		· · · ·	4734	77.00	100.50	1.50 ( E)	0.0Z	€./ • ^
		· · ·	4700 7778	100.30	102.00	1.30	V.VZ 0.04	1.V 1 7
107 70	102 10	Series of quarty-compate value at 55 to AU depress to the C $\Delta$	<b>4737</b>	102.00	100.00	1.50	V. (M	
179947	174 <b>.1</b> 8	10.0 cm vein at top of interval, other veinlets 0.5-2.0 cm in wioth. Contain bless of pyrite and pyrrhotice.						

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aq q_ton
			4738	103.50	105.00	1.50	0.02	1.4
107 <b>.8</b> 0	107 <b>.82</b>	Quartz-carbonate veinlet at 50 degrees to the C.A., containing sphalerite and galena blebs to $0.5~{\rm cm}$ .	4739	105.00	106.50	1.50	0.01	1.2
107.85	187.70	HERNELENCE/PLASICELASE PORPHYRY (8F6a2)						
		Description as per 30.30 to 47.70 metres. Most sections moderately to strongly sericitized and weakly chloritized. Fracturing generally weak, occasional strongly fractured and chloritized. Weakly carbonatized. 1-2% quartz-carbonate veinlets.1.0-4.0 m, at 50 to 60 degrees to the C.A. 2-3% pyrite and pyrrhotite, mostly disseminated and in fine stringers at moderate to high angles to the C.A. Stringers locally up to 2.0 cm.					·	
107.85	110.00	Pinkish colour, possibly due to potassic alteration along contact.	4740	106.50	108.00	1.50	0.17	11.3
			4741	108.00	109.50	1.50	0.02	1.1
			4742	109.50	111.00	1.50	0.03	1.6
			4743	111.00	112.50	1.50	9.01	1.1
			4744	112.50	114.00	1.50	0.02	0.8
		•	4745	114.00	115.50	1.50	0.02	0.7
			4746	115.50	117.00	1.50	0 <b>.0</b> 1	0.7
			4747 4748 4749 4750 4752 4753	117.00 118.50 120.00 121.50 123.00 124.50	118.50 120.00 121.50 123.00 124.50 126.00	1.50 1.50 1.50 1.50 1.50 1.50	0.17 0.04 0.02 0.01 0.02 0.01	0.6 0.7 0.9 1.3 1.7 1.5
			. 4733 4754	124.00	120.00	1.50	0.01	1.7
			<del>د</del> ن رو 2755	128.00	127.00	1 50	0.02	1.7
		•	4756	129.00	130.50	1.50	0.01	1.7
			4757	130.50	132.00	1.50	0.01	1.2
			4758	132.00	133.50	1.50	0.02	0.9
			4759	133.50	135.00	1.50	0.01	1.0
			4760	135.00	136.50	1.50	0.03	1.4
			4761	136.50	138.00	1.50	0.01	1.5
			4762	138.00	139.50	1.50	0.01	2.0
			4763	139.50	141.00	1.50	0.02	2.1
		•	4765	. 141.00	142.50	1.50	0.02	1.7
			4766	142.50	144.00	1.50	0.01	1.3
		•	4767	144.00	145.50	1.50	0.01	1.1
			4768	145.50	147.00	1.50	0.02	1.0
		· · ·	4769	147.00	148.50	1.50	0.01	1.1
			4769 4770	147.00 148.50	1 <b>48.50</b> 150.00	1.50 1.50	0.01 0.02	1.1 1.2
			4769 4770 4771	147.00 148.50 150.00	148.50 150.00 151.50	1.50 1.50 1.50	0.01 0.02 0.03	1.1 1.2 1.1
(			4769 4770 4771 4772	147.00 148.50 150.00 151.50	148.50 150.00 151.50 153.00	1.50 1.50 1.50 1.50	0.01 0.02 0.03 0.01	1.1 1.2 1.1 1.0
			4769 4770 4771 4772 4773	147.00 148.50 150.00 151.50 153.00	148.50 150.00 151.50 153.00 154.50	1.50 1.50 1.50 1.50 1.50	0.01 0.02 0.03 0.01 0.01	1.1 1.2 1.1 1.0 1.3
			4769 4770 4771 4772 4773 4773	147.00 148.50 150.00 151.50 153.00 154.50	148.50 150.00 151.50 153.00 154.50 156.00	1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.02 0.03 0.01 0.01 0.08	1.1 1.2 1.1 1.0 1.3 1.2
		•	4769 4770 4771 4772 4773 4773 4774 4775	147.00 148.50 150.00 151.50 153.00 154.50 156.00	148.50 150.00 151.50 153.00 154.50 156.00 157.50	1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.02 0.03 0.01 0.01 0.08 0.02	1.1 1.2 1.1 1.0 1.3 1.2 1.2
$\sim$		•	4769 4770 4771 4772 4773 4773 4774 4775 4776	147.00 148.50 150.00 151.50 153.00 154.50 156.00 157.50	148.50 150.00 151.50 153.00 154.50 156.00 157.50 157.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.02 0.03 0.01 0.01 0.08 0.02 0.01	1.1 1.2 1.1 1.3 1.3 1.3 1.3 1.3

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7								
FROM	τη	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au	Ag
1101							g_ton	o_ton
						·		
141.00	167.00	Moderately to strongly fractured, abundant interstitial chlorite and possibly	4778	160.50	162.00	1.50	v.02	1.4
101700	10/100	biotite or phicoconite.	4779	162.00	163.50	1.50	0.06	i.2
151.20	162.40	5-7% pyrite and pyrrhotite mostly as small stringers and blebs.						
			4781	163.50	165.00	1.50	0.04	1.2
			4782	165.00	166.50	1.50	0.20	1.4
			4783	166.50	168.00	1.50	0.09	1.1
140 10	174 90	Stenniu coninitized and carbonatized	4784	168.00	169.50	1.50	0.11	1.4
100,10	107100	Has a slightly hleached annearance.	4785	169.50	171.00	1.50	0.18	. 1.9
170.30	170.70	5-6% pyrite and pyrthotite in fine irregular stringers. Lesser pyrite						
		locally in apprepates up to 2.0 cm.						
			4786	171.00	172.50	1.50	9.16	1.1
			4787	172.50	174.00	1.50	0.04	1.7
			4788	174.00	175.50	1.50	0.04	0.7
			4789	175.50	177.00	1.50	0.14	1.0
			4/90	1/7.00	1/8.30	1.50	0.15	1.0
			4/71 A707	170.00	100.00	1.50	0.02	9.7
			4773 4794	180.00	181.00	1.56	0.03	0.9
_			4795	183.00	184.50	1.50	0.01	0.8
(			4795	184.50	186.00	1.50	0.02	0.7
			4797	186.00	187.50	1.50	0.04	0.9
			1700	177 60	1 <b>00</b> AA	( EA	A 11	• 2
188.10	<b>187.</b> 7V	Contact zone between the overlying and underlying units.	4178	187.30	107.00	1.30	Vali	1.0
		Siliceous, chioritized matrix contains angular indoments of porphyry and						
		BrGlille, 1.074.0 LW. Minor bistito in estriv						
		Strongly carbonatized.						
		1-3% disseminated pyrite and pyrrhotite.						
							`.	
189.70	196.40	FAULT ZONE (FZ/13C7m2/9C7m2)						
185.70	173.00	Dark prev to black aroillite, strongly sheared at 0 to 15 degrees to the C.A.	4799	187.00	190.50	1.50	0.05	· 1.5
		Bedding destroyed. Strongly fractured, broken and blocky core with 15% core	4800	190.50	192.00	1.50	0.18	1.7
		1055.						
		Strongly carbonatized. 1-2% carbonate veinlets infilling fractures 1.0-2.0 m.						
		1-3% pyrrhotite, 1-2% pyrite, disseminated and fine 0.5 m stringers.						
107 <i>(</i> .).	134 40	light preprish-provide transly carbonatized persivery sheared at 5 to 30 the	4801	192.00	193.50	1.50	0.10	1.5
1 0100	1.0144	core asis.	4802	193.50	175.00	1.50	<b>0.19</b>	1.9
		Blocky and broken core, with 10% core loss.						
		Locally has a pinkish colour, possibly potassic alteration.						
		2-3% disseminated pyrite and pyrrhotite.						
194,20	194.30	Finely ground, clay-rich section, possible fault gouge.						
_		Sheared at 0 to 5 degrees to the C.A. on either side of clay seam.						
.40	249.90	HORNELENCE/PLAGIOCLAGE PORPHYRY (8F604)						
		Description as per 30.30 to 47.70 getres.						•
		Nost sections weakly to moderately sericitized and carbonatized.						
		Fracturing generally weak, alteration haloes around fractures and veinlets						

## SOND GOLD CANADA INC. HOLE - PAGE # 7 of 13

ND GOL	ם פנ	ANADA INC. HOLE - PAGE # 8 of 13	•					
FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_tan	Ao g_to:
		common. 1-3% pyrite, 2-3% pyrrhotite, trace chalcopyrite associated with pyrrhotite. Sulphides mostly disseminated, minor stringers and granular aggregates. Pyrrhotite replacement of hornblende phenocrysts common.						
96.40 2	202.50	Weakly sheared at 35 degrees to the C.A.	4803	195.00	195.50	1.50	0.08	-
		Moderate to strong sericitization and chloritization.	4804	196.50	198.00	1.50	0.06	i
			4805	<b>198.0</b> 0	199.50	1.50	<b>0.18</b>	(
			4807	199.50	201.00	1.50	0.54	:
		•	4808	201.00	202.50	1.50	1.38	
			4809	202.50	204.00	1.50	0.05	1
			4810	204.00	205.50	1.50	0.01	i
			4811 4812	205.50	207.00 1	1.50	0.02 0.01	
			1011	20,000	200700	1100	0101	
<b>9.</b> 50 Z	227.00	Sulphide stringers up to 2.0 cm common.	4813 4814	20 <b>8.5</b> 0 210.00	210.00	1.50	0.03 i Ao	
.1.30 2	211.37	4.0 cm band of granular pyrite at 40 degrees to the C.A.	-017	110000		1100	1.40	
1.40 Z	(11.4/	2.0 CM pyrrholite vein at 40 degrees to the U.A.	ADIE	514 EA	517 66	1 EA	A 10	
_			401J AD11	211.30	213.00	1.30	V.17 A 77	
×			4017	213.00	214.30	1.50	0.22	
			1010 1010	214.JV 717.AA	215.00	1.3V (53)	V.90 0.05	
			1070	210.00	217.00	1.0V ( 50	0.02	
			4020	217.00	217.00	1.50	0.19	
			4922	220.50	222.00	1.50	0.22	•
			4823	772.00	223.50	1.50	0.04	
			4824	723.50	775.00	1.50	0.82	
			4825	225.00	226.50	1.50	0.44	1
			4826	226.50	228.00	1.50	0.12	
			4827	228.00	229.50	1.50	0.18	
			4628	229.50	231.00	1.50	0.03	
			4829	231.00	232.50	1.50	1.07	1
			4830	232.50	234.00	1.50	0.19	
			4831	234.00	235,50	1.50	0.02	1
			4832	235.50	237.00	1.50	0.03	
57.30 2	238.90	4-6% pyrite, i-2% pyrrhotite, trace to 1% chalcopyrite. Strongest mineralization occurs in a narrow intercalation of coarse ash	4833	237.00	238.50	1.50	22 <b>.4</b> 0	1.
		tuff between 238.00 to 238.50 metres, sheared at 20 to 25 degrees to the C.A.,7-10% finely disseminated pyrite, trace to 1% pyrrhotite and chalcopyrite. 1.0 cm irregular pyrite and pyrrhotite stringers common.						
		Matrix in perphyry is moderately chloritized, weakly carbonatized.			<b></b>	, <b>.</b> .	· <b></b>	
			4834	238.50	240.96	1.5)	<b>∂.</b> 98	
		•	4050 4077	240.00 741 =^	241.30 517 AA	1.5V 1 57	0.20	( )
			4637 4838	241.30 243.00	2+3.00 244 <b>.5</b> 0	1.50 1.50	0.11	(
5.80 24	(46,91)	Finkish-grey colour, possible potassic alteration.	4839	244.50	246.00	1.50	0.22	• ·
			4840	2 <b>46</b> .00	247.50		5.47	-
			4841	247.50	249.00	1.50	1.52	•
						HOLE	8: HC90	-41

FROM	TG	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Aç g_tan
			4642	249.00	247.90	0.90	13.10	1ó.7
249.90	233.5/	- corrected in descac90.41 and datamc90.41						
249.90	250.38	FAULT ZONE (FZ)				1		
		~ 2 mud seems up to 10 cm. in length within the HBL\Plag porphyry						
250.38	261.42	HELLPLAG PORPHYRY (NZLGED707)						
		<ul> <li>medium grey colour, massive, fine grained, moderate to strong alteration (silica\albite), weakly porphyritic</li> </ul>						
		- 3-5% euhedral Plag phenocrysts up to 3 m in size						
		- 5-6% py disseminated and along fracture planes						
		- Tr-1% po disseminated and along fractures		•		·		
		<ul> <li>1-2% CL predominantly on fracture and micro-fracture surfaces</li> <li>Tr Q2Cb fracture fillings</li> </ul>						
			34551	240.00		1.75	A 11	7 5
			20001	247.70	231.3V 757.00	1.00	0.01 1 70	3.3 6 4
		•	20553	251.50	255.00	1.50	0.00 A 41	0.0 6 A
			20355	253.00	254.00	1.50	2.75	1.5
_			20555	254.00	257.50	1.50	0.48	ú.1
$\bigcap$			20000	257.50	259.00	1.50	0.35	1.0
i.			20557	257.00	260.50	1,50	0.11	0.1
			20558	260.50	261.42	0.92	0.15	0.1
261.42	263.03	AGGILLITE (1308m5)						
		- medium dark grev black colour, very fine grained . moderately well bedded and weakly brecciated						
		- 3% po disseminated and along fractures						
•		- 2% py disseminated and along fractures						
		- Tr dzCb microfracture fillings					1	
		- composition appears to be mostly Black Chlorite - BN=66 deg UCT=46 deg LCT=90 deg						
			20559	261.42	263.03	1.61	0.44	2.1
263.03	263.37	FAULT ZONE (FZ)						
		- Ground core with a graphite gouge - UCT=90 deg LCT=20 deg						
263.37	290.98	ARGILLITE (1307m6)						
		<ul> <li>dark grey black colour, very fine grained, with bedded and brecciated sections up to 1 m in length</li> </ul>	. •					
		- Other structures include slump faults within the more bedded sections - 4% op disseminated and along fractures						
		- 2% py disseminated cubes and along fracture surfaces						
<i>—</i>		- Tr greenish colcur mineral as véinlets or fracture filling - Apatite						
57	264.11	Hbl/Plag Forphyry						
		- fine grained massive, strongly sericitized						

264.11 264.50 Brecciated and silicified

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20360 263.03 264.50 1.47 5.98 2.3

						g_ton	ç_tor
264.50 265.90	Fedded with slump faulting - BD = 55 deg						
		20561	264.50	266.00	1.50	ù <b>.84</b>	Ŷ,
267.16 272.50	) well bedded at 45 dec	20562	266.00	267.50	1.50	0.21	ú
		20563	267.50	269.00	1.50	0.09	Û.
		20564	269.00	270.50	1.50	0.07	0
		20565	270.50	272.00	1.50	0.12	Ģ
272.50 273.95	) Breccia	20566	272.00	273.50	1.50	0.14	Û
	- matrix supported with moderately rounded felsic and argillite fragmen	ts		•			
273.95 277.76	o - well bedded € 43 deg	20 <b>56</b> 7	273.50	275.00	1.50	0.1I	ŷ
	- Tops appear to be uphole - fining uphole	20 <b>568</b>	275.00	276.50	1.50	0.15	Ģ
277.76 279.90	- massive with up to 10% py+po	20569	276.50	278.00	1.50	2.11	Q
		20570	278.00	279.50	1.50	0.29	0
79 <b>.</b> 90 <b>290.98</b>	<ul> <li>disrupted bedding and sottled appearance</li> </ul>	20571	279.50	251.00	1.50	1.23	Û
		20572	231.00	282.50	1.50	0.20	(
-		20573	282.50	284.00	1.50	0.59	(
		20574	284.00	285.50	1.50	1.94	(
		20575	285.50	287.00	1.50	3.17	(
		20576	287.00	288.50	1.50	0.45	(
		20577	288.50	290.00	1.50	<b>0.13</b>	i
		20578	290.00	290.98	0.98	0.12	(
90.98 307.10	Helvplag Porphyry (sf6a3)						
	- medium grained. massive, moderate alteration (sericite)						
	$^{-}$ - up to 5% remnant HBL phenocrysts up to 3 m in size altered to Cl and	pe					
	- 5) Feldspar euhecral phenocrysts up to 2mm in size						
	- Fr Cl along fractures		•				
	<ul> <li>2-3% py and po bisseminated and along fracture surfaces</li> <li>Tr 0x0b micro-fracture fillings</li> </ul>						
	•		764 65	963 EA	: 53	A 15	
		203/7	270,70	272.0V	1.0Z 4 EA	V.10 A 55	
	•	20309	272.00	274.00	1.50	V.23 5 22	۱ ن
		20001	274,00	27010V 207 AA	: 50	3.00 A 35	
		20302	273.30	177.00 100 SA	1.00	0.23	۲ •
		20000	177.W 205 50	170.JV 200 50	1.00	V.10 A 31	· · · · · · · · · · · · · · · · · · ·
		20304	270,JV 100 KA	1777.JV 706.LD	1.00	V.21 A AL	۱ د
		27.003	277.30	.00.07	1.17	V.40	•
21.50 307.01	Chloritic Alteration	21001	300.69	302.00	1.31	0.88	(
	<ul> <li>- medium green to black with 3% py and po disseminated and along fractul</li> </ul>	res 21002	302.00	363.50	1.50	0.05	Ń
		21003	303 <b>,5</b> 0	305.00	1.50	0.53	(
	•	21004	305.00	306.00	1.00	1.52	(
<b>~</b> .							
01 .307.10	Ground Core	21005	305.00	307,10	1.10	0 <b>.24</b>	-
01 . 307.10 07.10 314.24	Ground Core Bredcia \ Contact zone \ Intercalated Argillite and tuff (Cz\rk\tate3=4	21005	305.00	307.10	1.10	0.24	
(1 .307.10 7.10 314.24	BREDCIA \ CONTACT ZONE \ INTERCALATED ARGILLITE AND TUFF (CZ\BX\IAT63@A	21005 )	306.00	307.10	1.10	0.24	•

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TD	WIDTH	Au g_ton	Ag g_ton
		- fragments are upto 5 cm. in width - the matrix commonly has a green to line colour amorphous mineral- Apatite?						
		Sericite? - some sections are crudely banded and demonstrate slump faulting - Tr stibnite within fractures as needles						
			2100/		700 54			
			21005	307.10	308.30	1.40	9.42	4.8
			2100/	308.30	310.00 711 5A	1.50	V.13 A De	1.1
			21000	711 50	311.00	1.50	0.25	V.G
			21007	011700	010100	1150	V.20	117
4.00	314.24	Ground Core	21010	313.00	314.24	1.24	0.20	1.6
14.24	324.95	FINE GRAINED AGH TUFF \ INTERCALATED ARGILLITE AND TUFF (IAT\197m2) - medium green colour, very fine grained, bedded \ well banded with fine grained massive sections up to 30 cm in length. spotty magnetism, very siliceous						
		<ul> <li>- 2% py subsorial cubes in fractures and disseminated</li> <li>- Tr-1% po primarily within fractures</li> <li>- Tr-1% Ch micro-fracture fillings</li> </ul>				•		
~		<ul> <li>textures include bedding and small scale slumps that disrupt the bedding</li> <li>Tr ascrphous lime green colour, soft, mineral within the fractures - Apatite? Sericite?</li> </ul>			÷			
			71011	<b>714</b> 74	715 54	1 72	A 20	
			. 21711	019.29 7(5 60	313.00	1,13	V.2V A AO	v.8 7 T
			21012	313.30	317.00	1.50	V.40 6 55	2.0
			21013	716 50	720.00	1.50	0.50	2.7 • 0
			21014	316,30	020.00	1.00	V.JV	1,0
0.50	321.50	Blocky Ground	21015	320.00	321.50	1.50	े <b>.38</b>	1.7
2.50	323.00	Blocky Ground	21016	321.50	323.00	1.50	ú.18	1.3
			21017	323.00	324.00	1.00	0.25	1.1
24.95	325.05	- Ground core						·
			21010	<b>794</b> (A)	795 AS	1 05	A 94	۰ <b>:</b>
25.05	336.05	FINE GRAINED ASH TUFF \ INTERCALATED ARGILLITE AND TUFF (IAT\167m2) - same as 317,74 to 228,45	21710	324.00	323.00	1.03	V.21	1.0
		- the bedding and/or banding is not ass well defined						
			21019	325.05	326.50	1.45	ů.54	2.5
			21020	326.50	328.00	1.50	<b>0.32</b>	1.0
			21021	328.00	329.50	1.50	. 0.17	<b>6.</b> 0
		•	21022	3 <b>29.5</b> 0	331.00	1.50	<b>v.6</b> 7	1.0
-			21023	331.00	332,50	1.50	<b>0.17</b>	0.9
			21024	332.50	334.00	1,50	0.24	<b>0.</b> 2
			21025	334.00	335.00	1.00	0 <b>.8</b> 0	6.7

336.05 336.10 FALLT BOUGE (FZ)

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FROM	то	JESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			21026	335.00	336.10	1.19	0.30	0.2
336.10	337.28	SEMI-MAGSIVE SLLPHIDE (MS) - 70-80% coarse py with Qz clots						
337.28	368.01	Intercalated angillite and tuff with coarse age tuff (1\2\1atf6a3)	21027	336.10	337.28	1.18	1.99	9.2
		<ul> <li>medium green colour, with very fine grained sections of IAF intermixed with coarser grained ash tuff, weakly banded, medium hardness.</li> <li>alteration is moderate sericite and apatite</li> </ul>						
		- 2-3% by disseminated and as fracture fillings - 1 po disseminated and as fracture fillings						
			21028	337.28	338.50	1.22	0.14	. 0.3
			21029	338.50	340.00	1.50	<b>0.1</b> 2	0.8
			21030	340.00	341.50	1.50	0.19	1.0
			21031	341.50	343.00	1.50	0.25	0.6
343.03	343.32	Semi-Massive Sulphide						
			21072	747 00	744 50	150	a 25	ń.2
			21031	344.50	346.00	1.50	0.71	0.6
$\sim$			21034	346.00	347.50	1.50	0.22	0.7
(			21035	347.50	349.00	1.50	0.20	1.Z
			21036	347.00	350.50	1.50	0.08	1.6
		· · · ·	21037	350.50	352.00	1.50	0.09	0.8
			21035	352.00	353.50	1.50	0.08	3.3
			21039	353.50	355.00	1.50	0 <b>.08</b>	1.4
135.50	368 <b>.5</b> 0	- mottled appearance with core angles down the core axis	21040	355.00	356.50	1.50	0.14	2.1
		······································	21041	356.50	358.00	1.50	0.0	- 1.2
			21042	358.00	3 <b>59.5</b> 0	1.50	0 <b>,16</b>	1.0
			21043	359.50	361.00	1.50	0,14	2.4
			21044	361.00	362.50	1.50	0.17	2.1
			21045	362.50	364.00	1.50	0.14	1.6
3 <b>64.</b> 70	364.92	BTECC18						
		- angular requests in CI Fils watrix - 10% po primarily within the matrix						
			21046	364.00	365,50	1.50	0.12	1.6
			21047	365.50	367.00	1.59	0.03	2.1
			21048	367.00	358.00	1.00	ú <b>.09</b>	2.5
368.01	374.06	<pre>BRECCIA \ CONTACT ZOME (BX\CZ67d3) - medium grey green colour, brecciated, sub-angular fragments within a darker cl sich matrix</pre>						
		<ul> <li>40% fragments up to 3 cm in size commonly sericitized, composed of corphyry and tuff</li> </ul>						
		<ul> <li>3-5% py disseminated throughout the matrix and as sulphide fracture fillings</li> </ul>				·		
		- in ploenite on some fractures						
		,	71049	348.00	369.50	1 23	ə. tü	5.1
			21050	369.50	371.00	1.50	0.12	0.6
			20586	371.00	172.50	1.50	0.10	1.9

Sec. A to Change and

Sec. 1

HOLE #: HC90-41

BOIND GOLLD CANADA INC.

HOLE - PAGE # 13 of 13

FROM	TQ	DESCRIPTION	SAMPLE	FROM	TO	NIDTH	Au g_tan	j_ton
374.06	<b>396°0</b> 2	HELVPLG PORPHYRY (88843) - medium grey colour, porphyritic, strongly silicified - up to 8% feldspar phenocrysts up to 2 m in size with a euhedral habit - upto 3% HEL phenocrysts up to 2mm in size altered to chlorite - 3-5% patchy chlorite alteration primarily near fractures - 3% disseminated and as sulphide veins and veinlets	20587	372.50	374.00	1.50	0.27	1.1
	·		20588 20589 20590 20591 20592 20593 20593 20594 20595	374.00 374.96 376.50 378.00 379.50 381.00 382.50 384.00	374.96 376.50 378.00 379.50 381.00 382.50 384.00 386.03	0.96 1.54 1.50 1.50 1.50 1.50 1.50 2.03	0.18 0.13 0.06 0.14 0.13 0.05 0.05 0.05	0.7 0.7 1.4 0.9 0.5 1.7 1.6 1.8
386.03	386.03	E.O.H.						

0	ild canad	A INC.	DI	amond Drill Hole	e report "				Page	#1 of	13	
OLE NO. HROPERTY LCCATION LAIM NO. HRGET STARTED TINISHED ECTION COMMENTS	MC90-51 CA RED HOUNTAIN MARC ZONE ORO 1 MARC ZONE SEPT 9/90 SEPT 13/90	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	174.00 -199.71 2115.36 -199.71 174.00 E.TIMOSHENKO A. BRAY BG TN	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (=) DRILL CO. DRILL NO. FOREMAN	90 0 -75 FALCON 1000/1 E.RAUNE	Depth Dip 91.0 - 76 274.0 - 76 396.2 - 77	Azimuth Test 095 SPER 103 SPER 109 SPER	Depth Dip / 183.0 - 1 338.0 - 1 446.8 - 1	Azimuth 1 76 098 77 105 77 111	est Sper Sper Sper		· ·
					1991=	111-84	00	fotet	= 4	530	17	
FROM	TG	DESC	RIPTION				SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_tan
SLAMARY	1											
0.00	5.05 CASIN	B										
5.05	8.60 INTER	CALATED CONRE	: AGH TUFF/ARGI	LLITE (202m2/13/	(2m2)		,					
~.60	31.60 INTER	Calated A <del>sh (</del>	ivstal tuffs/ar	BILLITE (1F4t2/	\$F4t2/13F4t2	)						
31.60	79.00 INTER	Calated Crysti	l tuff/agn tuf	F (566m2/166m2)						•		
79.00	152.70 INTER	calated H <b>BLD.</b> -	PLAG. PORPHYRY	/ABH/CRYSTAL TU	FF (846m2/14	6a2/5A6a2)						
· 1 <b>52.70</b>	161.32 INTER	calated cryst/	l/ash tuff (5a	6m2/1A6m2)			•		. •			

161.32 186.00 HORNELENDE/PLAGIOCLASE PORPHYRY (8A6m2)

186.80 191.25 ANDESITE DYKE (11F4a1)

191.25 208.05 HORMELENCE/PLAGICLEASE PORPHYRY (SF6t3)

208.05 210.65 ANDESITE DYNE (11F4m1)

210.65 338.33 HORMELENDE/PLAGIOCLAGE PORPHYRY (9F6m2)

335.48 338.33 Miss labelling of the extension starting point

338,33 361.44 SERICITIZED HELVPLAG PORPHYRY (8F6t7)

361.44 367.78 PLAGIOCLASE PORPHYRY INTRUSIVE (84564)

367.78 373.00 CHLORITIZED HELVPLAG PORPHYRY (BA7t3)

.00 378.20 NEAKLY BRECCIATED FINE GRAINED TUFF (IAT\1ANd2)

378.20 403.07 SERICITIZED AND CALORITIZED PORPHYRY BRECCIA (BX\SFA7a7)

450.17 450.17 BOH \$450017.

403.07 449.84 MARSIVE PORPHYRITIC PHASE HEL \ PLAG PORPHYRY (BFABIS)

SOND GOLD CANADA INC.

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au a ton	Hợ n tạo	
							y_con	2_CD6	

FROM	TC	DESCRIPTION	SAMPLE	FROM	IJ	WIDTH	Au g_ton	Aç g_ton
0.00	5.05	CABING						
5.05	8.60	Intercalated coarse ash tuff/argillite (282n2/1382n2)						
		Narrow beds, (15.0 cm, and brecciated fragments of strongly silicified argillite (10%) intercalated with grey to greyish-green, medium to coarse- grained coarse ash tuff (90%). Tuffaceous material massive to very weakly bedded, often weakly chloritized and externately carbonatized	•					
		Argillite strongly silicified, bedding destroyed. Often in subangular to subrounded fragments, up to 4.0 cm, with altered boundaries. Most of the core in the section is blocky and broken, strong limonitic stained						
		fractured surfaces, locally pervasive. 1-2% pyrite and pyrrhotite as disseminations and small blebs. Most of the sulphides have been weathered out.				·		
8.60	31.60	INTERCALATED ASH-CRYSTAL TUFFS/ARGILLITE (1F4t2/3F4t2/13F4t2)	6329	5.00	7 <b>.5</b> 0	1.50	0.02	1.7
		Roughly 80% fine to medium-grained ash tuff and crystal tuff. Intercalated with narrow beds, less than 3.0 metres, of greyish-green horizons 20 to 40% tuff, argillite and minor porphyry fragments, in a chloritized fine ash tuff matrix (matrix supported). Fragments are usually less than 2.0 cm, subangular to subrounded. Bradational variations between ash tuff and crystal tuff, roughly in equal proportions of each. Crystal tuff composed of approximately 15 to 20% plagioclase laths, 1.0-3.0 mm in a fine ash matrix, weakly sericitized. Crystal tuff displays a distinct planar fabric, subparallel alignment of						
		crystals varying from 0 to 30 express to the C.A. 1-2% pyrite and pyrhotite as disseminations and minor stringers and blebs, less than 1.0 cm. Trace sphalerite as disseminations, blebs and stringers.					X	
		• •	6330	10 <b>.5</b> 0	12.00	1.50	ú <b>.04</b>	1.3
13.20	14.00	3-4% pyrite stringers up to 1.0 cm.	0331 6332	12.00 13.50	13.50 15.00	1.50 1.50	0.02 0.01	1.2 1.0
15.00	18,35	4-5% pyrite in granular stringers, up to 1.5 cm. associated with strong quartz-carbonate venning at 55 degrees to the C.A.				-		-
13.55 18.55	19.20 19.20	-Fragmental unit. -1-2% yellow-orange to reddish-brown sphalerite in small blebs, less than 0.5 cm	.333	17.50	19.00	1.50	0.01	1.0
20,40	26.20	1-2% sphalerite, 1-2% pyrhite and pyrrhotite.	6334 6335 4774	21.00 25.00 24 50	22.50 16.50 79.00	1.50 1.50	0.02 0.03 0.01	1.1 1.1
23,30 65 75	30.20 29.61 3: 20	Quartz-carbonate veinlets, 1.0-5.0 mm, at 45 to 50 degrees to the D.A. 6.0 cm quartz-carbonate vein surrounded by pyrite blebs up to 1.0 cm in width. 37 ovrite and 1-27 ovrihetite.	6556	25.30	2 <b>0.</b> 00		. 0.01 0.07	0.3 
10	51.20	on printe and i in printerio	0007	1 / 2 <b>1</b> %	01104	7460		

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Green to greyish-green.

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### HOLE - PAGE # 4 of 13

(	FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
			Moderately chloritized and silicified tuffaceous volcanics, gradational variations between crystal tuff and fine-to medium-grained ash tuff. Crystal tuffs composed of 15-25% 3.0 mm plagioclase crystals and crystal fragments in a fine ash matrix. Weak planar fabric locally developed at 40 to							
	•		47 degrees to the C.A. Ash tuffs mostly fine-grained, massive, locally weakly bedded(?) at 40 to 50 degrees to the C.A. 3% fragments and crystals over 4.0 mm. Locally intruded by hornblende-plagioclase porphyry dykelets ( = 20.0 cm) with</td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
			very offruse contacts. Locally strongly carbonatized, generally weak. Limonitic coating common on fracture surfaces, locally pervasive (especially above 45.00 metrtes).							
			1-2% pyrite and pyrchotite as disseminations and scattered fine stringers and blacks 1.0 re							
			orensî riv cwi	6338	37.00	33,50	1.50	0.01	ő. <b>9</b>	
				6339	33.50	35.00	1.50	0.01	1.1	
	3 <b>5.</b> 50	35,75	Strong inconitic stain.							
			Core is strongly fractured, blocky and broken with sand size grains.							
	36.60	41.50	Strongly fractured with a heavy limonitic stain.	6340	36.50	38.00	1.50	0.01	9.9	
			Fractures mostly subparailel to 30 degrees to the C.A.	6342	39.50	41.00	1.50	ý.02	1.0	
(	<b>`</b> `		Several pyrite stringers and granular aggregates, up to 2.0 cm, some associated with sphalerite.							•
				6343	41.00	42.50	1.50	0.61	0.5	
				6344	45.00	46.50	1.50	0.02	1.0	
				6345	50.00	51.50	1.50	0.01	1.1	
				6346	56.00	57.50	1.50	0.01	0.8	
				6347	59.50	61.00	1.50	୍.02	0.5	
				5348	63.00	64.50	1.50	0.04	1.1	
				0347	66.00	67.50	1.50	0.04	0.7	
				6350	57.00	70 <b>.50</b>	1.50	0.02	1.0	
				6351	75.00	76.50	1.50	6.61	1.0	
				6352	76.50	78.00	1.50	0,18	0.6	
	79.00	152.70	INTERCALATED HBLDPLAG. PORPHYRY/ASH/CRYSTAL TUFF (8A6m2/1A6m2/5A6m2)							

Predominantly chloritized nornblende/plagioclase porphyry (85%). Fine mottled texture, very small annedral to subhedral phenocrysts. Approximately 10-15% hornblende phenocrysts, most chloritized, 1.0-3.0 mm wide, dark green anhedral clots, locally as subhedral crystals up to 5.0 mm wide. 5-15% plaquoclase phenocrysts, typically sericitized, 1.0-2.0 mm subhedral lath-staped crystals, also light gren anhedral crystals up to 3.0 mm wide. Breyish-green, fine-grained siliceous matrix, moderately to strongly chloritized.

Intercalated with Eltered ash and crystal tuff units, most less than 1.0 metres. Contacts with tuff units generally very diffuse, locally sharp. Pyrite stringers frequently occur near contacts.

Limonitic stain common along fracture surfaces, locally pervasive.

1-7% pyrite and pyrrhotite as disseminations, stringers, small blebs common (less than 5.0  $_{\rm ME}$ ).

79.02 79.17 Strong epidote alteration.

BOND GOLD CANADA INC.

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HOLE - PAGE # 5 of 13

FROM	Tõ	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au aton	Ag a ton
			6353	78.00	79.50	1.50	0.12	ù.4
79.50	81.20	Strongly fractured. Limonitic stain common along fractures, strong pervasive	5355	79.50	81.00	1.50	0.04	<b>0.6</b>
•		stain between 79.95 and 80.77 metres.						
01 70	07 50	274 pyrice scringers and dreds up to 1.0 Lm. Maai ta andarata branciation, chlanitic aniriu	1751	<b>81</b> 00	37 50	1 50	0.07	1 0
01.JV	63.00	WEAK TO MADERALE DIECLIAILDH, LHIDIILL MATIIX.	0000 2757	01.00 05 AA	01.50	1.50	0.04	1.0
			0007 1750	64 5A	00.00	1.00	0.04	· V•/
			0000 (760	00.00	00.00	1.50	V.VI A A3	V.7 A 1
			0007 17/0	00.00	70.00	1.50	V.W A AA	V.I A E
			6360	79.00 404 E0	73.30	1.00	0.00	0.0
			6061	101.00	105.00	1.30	0.00	V.3
			5362	105.50	108.00	1.30	0.01	0.4
107.50	114.10	Moderately silicified, light to medium oney colour,	6363	110.00	111.50	1.50	0.02	0.5
		Numerous 1.0-6.0 m quartz-carbonate veinlets at 55 to 60 degrees to the C.A	6364	111.50	113.00	1.50	0.01	0.5
		may of which have a pinkish colour.						
			6365	113.00	114.50	1.50	0.01	0.8
117.00	118.90	Numerous 2.0-4.0 mm quartz-carbonate veinlets at 50 to 55 degrees to C.A						
		often tightly-spaced. Trace pyrite and pyrrhotite.						
118.70	118.90	Trace (.0-4.0 m veinlets, limitic stain.						
			6365	118.00	119.50	1.50	0.01	ô.9
(			6368	115.50	121.00	1.50	0.07	Ó.6
		· ·	0000 6474	127.50	124.00	1.50	0.37	ů.5
			6370	125.40	126.90	1.50	0.07	0.6
127.16	177.65	1.0 cm quartz-carbonate vein at 0 to 10 degrees to the C.A. Strong liganitic	0070	120070	1101,0	1100	V,VL	
12/14/	12,100	stain. Pyrite blebs and stringers common in surrounding wallrock, 2-3%).						
			6371	126.90	128.00	1.10	0.01	0.5
			5372	128.00	129.50	1.50	ů <b>.02</b>	0.3
			6373	131.00	132.50	1.50	0.02	0.5
135.99	137.40	Moderately silicified (patchy), weak limonitic stain locally, moderately fractured					<b>,</b>	
			4 <b>77</b> 4	134.00	137.50	1.50	0.03	ò.7
			4775	100.00	141 50	1.50	0.02	. 0.4
: 44 4A	166 A7	Scholarita black we to 1 0 cm accoriated with ownite	90/0 .	140.00	171:00	1.00	0.52	0.0
17797V - 16 TO	147.72	Sphalefile blobs, up to i.v tm, associated with pyrite.	1771	LAA AA	145 50	1 50	0.01	0.0
72247A	17/102	black (-7% surits and surphitits	6576 1777	144.00	140100	1.50	0.01	0.0
145 51	144 15	Sories of tightly spared martz-contenate veiglats 1.0-5.0 as at 55 degrees	6077	170100	177700	110V	V.V.7	V <b>.</b> D
170997	170,10	to the C.A					•	
			K775	147.00	148.50	1.50	Z6.0	ð. <b>7</b>
			- 6070 - 4779	140 50	150.00	1,50	0.05	۰. <i>۲</i>
			6077 2701	170700 (SA AA	151 50	1,00 5,523	0.00 A At	V:7 A 5
152 70	141 79	INTEDCH ATER (DVCTH /ACH THEE /SALe?/14/-?)	0001	100.00	101100	2100	V101	10 P 24
196.14	101.05	anti-anti-anti-anti-anti-anti-anti-anti-						

Description as per 31.60 to 79.00 metres.

Light to medium grey colour, find to medium-grained, gritty texture.

Composed of 15-20% sericitized plagioclase laths, less than 2.0mm and subhedral

Momerate to strong pervasive carbonatization.

Intruded by several narrow hornblende-plagioclase porphyry dyklets, less than  $\epsilon,0$  co, finely porphyritic.

1-2% pyrchotite. 1% pyrite as fine disseminations and minor fine stringers.

BOND GOLD CANADA INC. HOLE - PAGE # 6 of 13

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FROM	TO	DESCRIPTION	Sample	FROM	TC	HIDTH	Au g_ton	Àộ g_tan
			5382 6383 5384 6385	151.50 153.00 154.50 156.00	153.00 154.50 155.00 157.50	1.50 1.50 1.50 1.50	0.02 0.02 0.01 0.01	0.5 1.1 0.5 0.0
			6386 6387	157.50 157.00	157.00 160.50	1.50 1.50	0.03 0.01	0.0 0.0
161.32	186.00	Hornelenee/plagioclage porphyry (846a2)						
		Moderate to strong chloritization, small phenocrysts. Strongly fractured, locally weakly brecciated, infilled by dark green to black chlorite.						
			6368	160.50	162.00	1.50	0.03	0.0
		•	5389	162.00	163.50	1.50	0.02	0.0
			6390	153.30.	163,90	1.50	0.02	9.0 A A
			6371 4392	165.00	145.00	1.50	0.01	0.0
168.18	169.00	Moderate to strong shearing at 40 degrees to the C.A., moderately silicified. Several $2.0-4.0$ on observatic stringers.	0372	100.00	100.00	1.00	V <b>.V</b> 0	
169.39	169.50	Possible faulted. Blocky, broken core with strong liponitic stain.	6394	168.00	159.50	1.50	0.02	0 <b>.</b> 0
169.50	185.00	Roughly 5-10% hornblende phenocrysts, most strongly chloritized, subhedral	e395	169.50	171.00	1.50	0.02	0.ů
$\bigcap$		to euhedral, 2.0-7.0 me, many strongly altered with diffuse crystal boundaries.	5396	171.00	172.50	1.50	0.01	0.0
t i		2-4X singleciase phenocrysts, white to light grey colour, subhedral to euhedral	6377	172.50	174.00	1.50	0.00	0.0
		most 2.0-3.0 mm and sericitized.	6398	174.00	175.50	1.50	0.01	1.1
		Light greyish-green, siliceous matrix, weakly chloritized and sericitized.	6399	175.50	177.00	1.50	0.01	0.7
		Weak to moderate carbonatization,	6400	177.00	1/8.50	1.50	0.03	i.l
		Weakiy to moderately fractured, intilled by bark green to black chlorite and/	6401	1/8,00	180.00	1.50	0.02	2.V 1.7
		ionally practice into homoplande norphyry (up to (5% homoplande phonocrysts).	10402 10403	181.50	183.00	1.50	0.01	1.5
		incentry processing and normalized polyny (op to row normalised premoti ysta);	6404	183.00	184.50	1.50	0.02	1.0
		1-2% syrite and 1% pyrite as disseminations and stringers.	6405	184.50	186.00	1.50	0.04	1.2
170.51	170 <b>.5</b> 4	2.0 cm pyrite/-sphalerite stringer at 62 decrees to the C.A.						
182.00	185,70	Fire-grained chill margin, very small phenocrysts, 1.0-2.0 mm. Strongly fractured.						
		7-3% pyrite, 2% pyrrhotite as disseminations and stringers.						
13 <b>5.</b> 70	186,80	Fractured, broken core. Strong limonite stain.						
		Finely ground and clavey between 186.10 to 186.16 metres. Fragments of andesite dyke material begin around 186.50 metres. Contact zone with the underlying unit.						
186.80	191.25	ANDESITE DYKE (11F4m1)						
		Dark green to greenish-grey colour, finely porpovritic texture.						
		6-8% plagioclase phenocrysts, very small and anhedra, less than 1.0 mm in size, 1-2% anhedral to subhedral hornblende phenocrysts, 1.0-20 m.m. completely						
		altered to DIACK Chlorite. Highly siliceous, weakly sprinitized anhanitic matrix.						
C		Weakly to moderately carbonatized.						
1		Lisconitic stain along fracture surfaces.						
		Trace to 1% disseminated pyrite and pyrrhotite.						
		Brownish-grey, very fine-grained chill margins with minor pyrite stringers						
		along the lower contact.						

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HOLE - PAGE # 7 of 13

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FROM	TC	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Àg g_ton
404 95	700 65		6406 6407 6408	166.00 187.50 167.00	187.50 189.00 190.50	1.50 1.50 1.50	0.03 0.06 0.03	1.4 1.3 1.6
191.23	208.03	Hundlende/Flagulande Funthinkt (87603)		•	•			
		Strongly fractured and locally brecciated porphyry, likely the altered contact zone of the main intrusive mass starting near 218.00 metres. Most sections moderately to strongly chloritized and/or sericitized, locally strongly silicified. Limonitic stain along fracture surfaces. 2-4% pyrite as disseminations and irregular stringers. Locally up to 7% pyrite. 1-2% disseminated pyrrhotite with trace blobs of sphalerite.	·					
			6407	190.50	192.00	. 1.50	0.02	1.3
			6410	192.00	193.50	1.50	0 <b>.</b> 03	1.0
			2911	143.00	142.00	1.7	0.05	1.2
195.50	198.10	Strongly silirified, obecorrysts paraly discercable.	<b>LA</b> 12	195 00	194 50	• EA	0.01	13
1/0100		Brownish-orev colour, weakly fractured.	6413	196.55	195.00	1.50	0.23	0.R
		· · · · · · · · · · · · · · · · · · ·	6414	198.00	199.50	1.50	0.19	1.7
200.20	201.10	Finely brecciated matrix of quartz-carbonate and black colorite.	6415	199.50	201.00	1.50	0 <b>.22</b>	1.0
<u> </u>	200 <b>.8</b> 0	5-7% disseminated pyrite.						
(			6416	201.00	202.50	1.50	0.20	0.8
203.70 205.06	204.25 205.25	Several 0.3-1.0 cm pyrite stringers at 50 degrees to the D.A. Small fault, strong limonitic stain, minor clay gouge.	6417	202.50	204.00	1.50	0.04	0.5
			1410	208-00	205 50	· 5/	0.67	6.2
		•	6470	265.50	202.20	1.50	0.07 0.02	0.9
208.05	210.65	ANDESITE DYKE (11F4m1)	0120	200100	20,100		0102	•••
							<b>`</b> .	
		DESCRIPTION as per 186.80 to 191.23 Metres.						
			3471	707.00	708.50	1.50	6.01	ð. <b>S</b>
			• •==			****		
205.30	210.30	Strongly fractured, infilled by quartz-carbonate veinlets.	6472	208.30	210.00	1.50	0.04	1.4
210.30	210.65	Strongly sheared and silicified contact at 25 degrees to the C.A.						
210.65	338.JJ	HORNBLENDE/PLASIOCLASE PORPHYRY (8F6m2)						
		Several texturally different phases of the intrusion.						
741 /2	515 AE		2 A <b>T</b> T	214.44	711 54	1 E.	A 18	1.0
11V-C.	210100	-102200 Connect 2010. Secondaritic texture locally obliterated due to siteration	0420 LA74	210.00 711 50	211.59	1.00 1 64	0.15	1.0
		7-4% nurits. discentinated and in this stringers. locally up to 6%.	4475	211.00	213.00	1.50	1.22	1.1 A.B
		1-2% pyrrictite, disseminated the international of notary up to own	6475	214.50	216.60	1.53	3.10	0.8
216,90	218.05	Moderate to strong shearing at 45 to 55 degrees to the C.A.	6427	215.00	217,50	1.50	0.16	1.5
<u> </u>	131.20	identical to unit 167.50 to 185.80metres, with large, well formed phenocrysts.	6428	217.55	219.00	1.50	0.02	1,4
1		Rouchly 5-10% hornblende phenocrysts, 2.0-7.0 ma. chloritized, subhedral with	6429	219.00	220,50	.50	0.01	1.5
		ciffuse crystal coundaries, minor euhedral crystals.	6430	220.50	222.00	1.50	0.01	. 1.5
		o% classicilase phenocrysts, most 2.0-4.0 mm, subhedral to eunedral.	é432	222.00	223.50	1.50	0.01	1.4
		sericitized and frequently carbonatized.	6433	223.50	225.00	1.50	0.01	1.8
		Siliceous, very fine-grained to aphanitic matrix, weakly sericitized, locally	6434	225.00	226.50	1.50	ə <b>.</b> 02	1.6
						HOLE	4: HC90	-51
BOND GOLD CANADA INC.

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FROM	TO	DESCRIPTION	sample,	From	TO	WIDTh	Au g_ton	Aq g_tor
				774 50	<b></b>	1 54	5.51	. 0
		Wedkiy Liller.	6400 1471	220.00	120.VV	1.50	0.01	1.0
		LOCALLY Weakly sneared at 35 to 40 depress to the C.M.	0930 LATT	220.00	227.00	1.JV ( EA	V.U1 A A4	144 1-1
		nost sections weakly fractured.	0407	227.30	231 <b>.</b> W	1.30	0.01	1.1
771 33	377 /A	1-24 pyrite and pyrrhotite disseminations and rare pyrite stringers.	1170	571 - 55	375 EA	1 EA	A 47	
201.20	200.00	Strongly altered, strongly porphyritic nornblende plagiocidse porphyry dyke.	0430	201.00	202.00	1.00	V.VZ	غ <b>ب</b> ة
		Light greyion-green colour, appears bleached.						
		Small, anneoral to subneoral phenotrysts, most 1.0-2.0 mm.						
		Approximately 10-104 normolence and 5 to 54 plagioclase phenocrysts.						
		Strongly sericitized matrix.						
571 00	<b>574</b> / A	2-3% pyrite and trace pyrrhotite disseminations and stringers.						
201.20	231.60	Fault zone. Finely ground, clay altered material, greyisn-green colour.						
	070 EA	3% disseminated pyrite.	: 170	<b>575 8</b> 4	778 30			
200.60	239.30	identical to unit vrom 218.00 to 2012 metres.	5439	232.50	234.00	1.30	0.01	1.0
233.60	204.90	dieached with adundant eunedral pyrite crystals,						· •
			6440	234.00	235.50	1.50	0.02	
			6441	235.50	237.00	1.50	0.01	0.5
		· · ·	6442	237.00	238.50	1,50	0.01	0.5
775 56	772 77	Finan-anningi strangly persturitic observationtry interview. Medarate to strang	LAAT	770 50	280.00	( 5A	0.02	4.7
207700	000,00	namiacive estancic alteration	LEAR	240.00	741 50	1.50	( A1	1.4
~		pervenue poleccil enteretion. 15-207 subbairs) to submitted alonionises absonct using the solution of 0 as lath	1245	240.00	243.00	1.0V 1.50	0.01	1.7
$\bigcap$		changed coverage lightly up to 5 0 as conjectioned	574J LAA7	241.00	293.00	1.50	0.01	1.0
N		5-107 boroblanda phanoroute pohodral strongly chloritized clots 1 0-4 0 ea	6447 6885	744 53	244.00 284.66	1 50	0 01	1.1
		wide provide to dary processions winder scholars crystals	20140	784 00	240.00	1 50	0.02	. 15
		7-5% quarte phonorrysts, prov to white, 2.0-4.0 pm, anothy below 250.00 entres.	6450	247.50	249 00		6 Ai	1. Q
		Silicone aphanit sativ solerately to strongly certifized.	4451	249.00	250 50	1.50	0.01	: 1
		Sovernment of V-foldence locally imparts a ninkich colour to the matrix	6101	250 50	257.60	1 54	0 07	1 4
		iccolly weakly chloritized neually seconisted with quarty-carbonate veinion	645Z 1453	250.00	257 50	1.0V ( F3	0.02	4 E
		Weakly weakly childrifted, dedaily associated with oddite television of marty-rarbonate	6466 6454	252.50	255 (0)	1 50	0.02 0.03	1 2
		weak to skow ate mattaing, initianys of black chouse and quarte tarbanate	4455	255.00	256 50	1 50	0.07	44 <del>-</del> 17
		Reached alteration haloes common around fractures and veinlets	6455 1351	754 50	258.00	1.50	6.61	1.0
		Weak planar fabric locally developed typically around 40 to 40 degrees to the	6457	255.00	250.00	1 50	0.02	A 6
		"C & Vasily connections	6767 6350	250.00	267,00	1.50	0.02 0.01	14
		5-77 nurite 7-47 nurrhotite mostly disceminated with some nurite stringers	5440	267.00	261.00	1 56	6 A1	17
		Purchatite commanie renisces harnhende nencrusts.	6461	262.50	764.00	1.50	à 67	1.5
		Trace considerite scenciated with ovrite stringers.	6462	262.00	265.50	1.50	0.01	: 7
744.70	747.20	Annears hiparhed, strongly sericitized.			200700			
		"Several 3.0-8.0 -me cuartz-carbonate veinlets at 20 to 40 decrees to the C.A.						
7F2.00	741.70	3-5% ovrite, numerous 2.0-4.0 Ann stringers at 20 to 40 degrees to the C.A.						
250.60	252.60	Strong fracturing, infilled by quartz-carbonate veinlets up to 5.0 cm in width.						
		Weakly chioritized.						
		3.0 cm pyrrhotite bleb at 260.80 metres.						
			6463	265.50	257.00	1.50	0.01	1.3
			5464	267.00	268.50	1.50	0.01	1.3
268,30	270 <b>.</b> 70	Strongly fractured.	6465	268.50	270.00	1.50	ĉ.ĉi	1.1
$\bigcap$		2-3% pyrite and pyrrhotite stringers and blebs up to 1.0 cm.						
5	•	1.0 cm sphalerite +/- pyrite stringer at 60 degrees to the C.A. at 268.60 m.	, <b>.</b>			,		
		· · · · · · · · · · · · · · · · · · ·	5465	270.00	2/1.50	1.50	् <b>.01</b>	- 1.1
			6467	271.50	2/3.00	1.50	0.05	1.2
			c468	273.00	274.50	1.50	0.01	. 1.2
			5469	274.50	276.00	1.50	0.01	1.3

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HULE #: HC90-51

FEDM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	40 g_tor
			6470	276-00	777.50	(. <b>5</b> 0	0.01	ŵ.5
			. 6471	277.50	279.00	1.50	0.01	1.1
			6473	279.00	280.50	1.50	0.01	1.3
			6474	280.50	282.00	1.50	0.01	1,4
			6475	282.00	283.50	1.50	0.03	1.4
283.64	283.74	Quartz-carbonate vein at 85 decrees to the C.A.						
		Pyrite stringers along vein walls.						
			6476	283.50	285.00	1.50	0.02	1.4
			6477	285.00	286.50	1.50	0.01	1.7
			£478	286.50	283.00	1.50	<b>v.02</b>	1.3
			6479	288.00	289.50	1.50	0.03	1.0
			6480	289.50	291.00	1.50	0.01	1.0
291.80	293,40	Numerous pyrite stringers, 2.0-10.0 mm, at 30 to 40 degrees to the C.A., some containing minor sphalerite.	6481	291.00	292.50	1.50	0.01	1.0
			5482	292.50	294.00	1.50	0.02	1.2
			6483	<b>294.</b> 00	295.50	1.50	0.17	1.1
		· ·	6484	295 <b>.5</b> 0	297.00	1.50	0.01 -	1.0
297.80	306.90	Intrusive breccia.	6480	297.00	298.50	1,50	0.02	<b>0.</b> 5
		Highly altered, sub-rounded corphyry fracments, 0.5-3.0 cs. in a light grev.	5487	298.50	300.00	1.50	0.17	1.0
(		fine-orzined siliceous matrix.	6488	300.00	301.50	1.50	0.01	1.0
		Rouphiy 30-50% fragments, matrix supported.	6489	301.50	303.00	1.50	0.18	0.6
		Most fragments have a pinkish colour, porphyritic texture locally overwhelmed	6490	303.00	304.50	1.50	0.10	0.9
		by strong potassic alteration (sericite, K-feldspar). 5% light green siliceous fragments. Many fragments are strongly carbonatized. Matrix is weakly sericitized.	6451	304.50	306.00	1.50	0.02	0.7
		3-44 pyrite, 2-34 pyrinotite, trace sphalerite, mostly finely disseminated with shoradic blebs and stringers up to 1.5 cm in width.						
		iccal concentrations up to 3% subbide.						
366,70	310.83	Intercalation or xenolith(?) of highly altered sediments (intercalated	5492	305.00	307.50	1.50	0.01	0.9
		argillite and tuffs).	2493	307.50	309.00	1.50	0.01	1.2
		Argillitic beds are strongly brecclated and silicified, grevish-green colour, relict bedding locally preserved at 50 to 55 degrees to the C.A.	<b>.</b>	307.00	310 <b>.5</b> 0	1.50	0.02	1.5
		Tuffaceous units relatively unaltered, mostly medium to coarse-grainec.						
		Mederate to strong carbonatization.						
		2-3% pyrite and 2% pyrrhotite, mostly as disseminations.						
			5475	310.50	312.00	1.50	<b>0.01</b>	ំ.ទ
			6496	312.00	313.50	-1.50	0.03	1.6
			6197	313.50	315.00	1.50	<b>0.</b> 02	1.2
			6497	315.00	316.50		0.24	1.1
			6500	316.50	318.00	1.50	9 <b>.2</b> 2	1.1
			5501	31 <b>8.</b> ()	319.50	1,50	. ).22	Ų,∓
<i>.</i>		• • • • •	<b>5</b> 502	319,50	321.00	1.50	¢.46	1
	338.33	Moderately to strongly fractured.	503	321.00	322.50	1.50	0.04	<b>0.</b> 5
		3-5% pyrrhotite, 1-3% pyrite and trace sphalerite.	6504	322.50	3 <b>24.0</b> 0	1.50	6.01	. 1.0
		Sporabic subpride stringers and blebs, up to 4.0 cm. mainly pyrrhotite, usually	6505	324.00	325,50	1.50	0.02	1.1
		associated with black chlorite and/or quartz-carbonate veinlets.	650E	325 <b>.5</b> 0	327.00	1.50	0.01	1.2
		0.5-1.0 cm quartz-carbonate veinlets common, typically at 40 to 50 degrees to	5507	327.00	328.50	1.50	े.01	1.1

## SOND GOLD CANADA INC.

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## HOLE - PAGE # 9 of 13

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HOLE #: MC90-51

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SCIND GOLD CANADA INC.

HOLE - PAGE # 10 of 13

FROM	TO	DEECEIPTION	SAMPLE	FROM	TO	KIDTH	Au g_ton	Aç g_ton
		the C.A.	6508	3 <b>28.5</b> 0	330.00	1.50	J.01	1.0
332.45	332 <b>.58</b>	Irregular 3.0 cm pyrrhotite stringer at 40 degrees to the C.A., with trace	6509	330.00	331.50	1.50	0.02	1.3
		chaicopyrite and pyrite.	1510	771 50	777 00	1 <b>5</b> .	A (7	ŧå
			6511	333.00	334.50	1.50	0.05	0.7
335.77	338.33	Irregular 2.0 cm pyrite and pyrrhotite vein.	6513 4514	<b>334.5</b> 0	336.00 777 50	1.50	0.40 6 07	1.5
335.48	338.33	Miss labelling of the extension starting point	6515	337 <b>.</b> 50	338.33	0.63	0.02	0.9
228.22	361.44	<pre>SERICITIZED HELVELAG PORPHYNKY (8F6t7) - medium grey colcur, medium grained, massive, weak to moderate foliation, moderately sericitized and silicified, magnetic - up to 3% hbl euhedral phenocrysts - 3% po disseminated and along fracture planes - 3% points disseminated and along fracture planes - 4% points</pre>					•	
$\left( \begin{array}{c} \end{array} \right)$		- 12 Cl along the fractures						
		·	20251	İ38.33	340.00	1.67	0.05	-1.0
			20252	340.00	341.50	1.50	0.10	0.7
			20253	341.50	343.00	1.50	0.57	1.0
343.00	344.00	Strong Bericitization - py is the primary sulphide						
745 15	785 15	7 - 19	20254	343.00	344.50	1.70	2.81	6.3
044.00	045,13	5 - 54 Spharefile Gisseminaled	20255	744 50	744 00	1.50	A 66	77 F
			20255	344.00	347.50	1.50	1.74	3.5
			20250	747 50	749.00	1.5	0.33	1.2
			20259	749 (4)	750 50	1 50	0.13	0.8
			20255	350 50	757 00	1.50	0.10 A 19	0.0 A Q
			2020)	757 00	757 50	1.50	A 17	1 0
			20261	353 <b>.</b> 50	355.00	1.50	0.35	1.4
355.70	357.30	<pre>moderate brecclation - crecominatly strongly altered porphyry clasts in a darker matrix of the same material</pre>	20262	355.(\)	356.50	1.50	0.39	.i <b>.</b> 8
		8338m = 68deg   934 <b>2m = 58deg   93</b> 45 = 55 deg   9 348 = 50 deg						
			20263	356.50	358.00	1.50	0.11	1.2
			20264	358.00	357.50	1.50	0.10	2.0
			20265	359.50	360.50	1.00	0,39	2.0
			20244	346.50	361.44	0.94	0.18	1.9
361-44	367.79	PLAGIOCLASE PORPHYRY INTRUSIVE (805d4)				¥*'''	****	•••
VULITI	w/ 170	- Coarse plagioclase phenocrysts up to 5 mm in size within a darker coloured						
		manazia chioritization						
		- 7-5% by time praned disseminated						•

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- tr Hbl phenocrysts up to 0.5mm in sive

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8 j	$\sim N_{\odot}$	12		

HOLE - PAGE # 11 of 13

FROM	TO	JESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
	-		20267 20268	361 <b>.4</b> 4 357.00	367.00 367.78	5.56 0.78	0.10 0.04	1.3 1.4
367.78	373.00	CALINITIZED HELVING PURPORTY (HR/CS) - medium green colour , medium coarse grained, massive appearance, intensely chloritized and silicified and sericitized - faint expression of brecciation and weak porphyritization - 3% py and po disseminated and along fractures - Ir shoalerite disseminated		·				
		- sections of upto 30 cm in width of 10% feldsar phenocrysts randomly oriented and tr Hb1 and trace to 2% Hb1 phenocrysts						
			20 <b>269</b> 20270 20271 20272	367.78 369.00 370.50 372.00	369.00 370.50 372.00 373.00	1.22 1.50 1.50 1.00	0.24 0.15 0.67 0.50	0.9 1.1 1.0 1.2
373.00	378.20	<pre>NEAKLY BRECCIATED FINE GRAINED TUFF (IAT\1A4d2) - medium.green colour, fine grained, tuffaceous, weakly brecciated and chioritized</pre>						
$\int$		- Tr-1% Guartz-Carbonate fracture and microfracture fillings - Tr-2% py predominantly within fractures - 3-4% Chlorite along fractures						• .
			20273 2027 <b>4</b>	373.00 374.00	374.00 375.00	1.00 1.00	0.75 0.74	0.8 2.2
375,00	376.00	<ul> <li>Heavily chloritized and fractured section</li> <li>Fractures at 60° and along the core axis</li> <li>5-8% pv</li> <li>2 cm Guartz-Carbonate vein running along the core axis</li> </ul>	20275	375.00	376.00	1.00	2.11	1.7
376.68	376.90	Guartz-Carbonate Vein with 5% py and po in fractures					·	
<b>378.2</b> 0	403.07	SERICITIZED AND CHLORITIZED PORPHYRY BREECIA (BI\8FA7a7)	20276 20277	375.00 377.00	377.00 378.20	1.00 1.20	0 <b>.9</b> 9 0 <b>.</b> 67	2.2 1.3
		<ul> <li>medium green colour, strongly altered preccia fragments up to 30 cm in size</li> <li>matrix is darker more chloritic in composition</li> <li>Feldspar phenocrysts have been sericitized - up to 1 mm in size, euhedral shape</li> </ul>	<i>.</i>					
		<ul> <li>Resnant Hornblende within tragments altered to chlorite</li> <li>5-7% py disseminated throughout</li> <li>1% green carbonate mineral along the fractures</li> </ul>						
$\int dr dr$		• . • .	20278 20279 20280 20281 20282 20283 20283 20284	378.20 379.50 381.00 382.50 384.00 385.50 387.00	379.50 381.00 382.50 384.00 385.50 387.00 388.40	1.50 1.50 1.50 1.50 1.50 1.50 1.40	0.50 0.92 1.48 0.50 0.63 0.22 0.35	1.3 1.9 1.7 1.8 1.5 0.4

HOLE #: HC90-51

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au 2_ton	4g j_ton
<u> </u>			<u>., .</u>					
383.60	393.00	Mostly subangular to angular tuffaceous fragments upto 5 cm in length	20285	<b>385.</b> 60	390.00	1.40	1.05	0.9
		- within the fragments is a very high abundence of sulphides	20 <b>28</b> 6	390.00	391.50	1.50	0.96	0,4
		- up to 15% euhedral plag phenocrysts up to 2 mm in size	20287	391.50	373.00	1.50	1.16	1.0
		- 3-5 % py coarse grained disseminated						
		- Tr QZCb microfractures						
393.00	397.54	- more massive fragment supported breccia	20288	393.00	394.50	1.50	2.47	1.9
0/0100		- 3-52 nv disceninated	20289	394.50	396.00	1.50	2.85	4.0
		o on py discussion	20290	396.00	397.50	1.50	1.03	1.5
797 54	403 07	Matrix Summerted Brennia (Mineralized Zone)	20291	397.50	399.00	1.50	0.61	1.1
V// 121	100107	- annular tuffaranus and norohvry framents	20292	399.00	400.50	1.50	<u>0.11</u>	0.4
		- un to 5-9% ov dissegnated throughout the satrix	70293	400.50	402.00	1.50	0.42	0.7
			20294	407.00	403.07	1.07	0.27	1.3
403.07	449.84	MASSIVE PURPHYRITIC PHASE HEL \ PLAS PURPHYRY (8FABJ5)	2.2.7.7			••••		
		·						
		<ul> <li>medium green colour, medium coarse grained, massive, pervasive chlorite and sericite alteration</li> </ul>						
		- up to 15% euhedral Plagioclase phenocrysts up to Zmm in size						
		- 3-5% py coarse grained disseminated						
		- Tr Guartz-Carbonate microfracture fillings						
407 07	400 M	Corren project computitie	20295	467 67	464 50	1.43	0.77	ò.8
403.07	400.00	- 3-5% av disconing and along fracture planes	20273	403.07 404 50	404.20 Ank nn	1.50	0.16	0.4
		- 3-3% by DIESEMINATED and BIONG MACTURE branes	10276 70 <b>707</b>	404.00	400.00	1.50	0.10 0.14	0.7 6 A
403,15	408.40	Ground Core	101.0	700.00	707 800	1100	V:11	
			11000	307 EA	105 00	4 E7	A 25	0 F
			20278	407.00	407.00	1:53	0.00 A A7	V.7 4 A
			20274	407.00	410.00	1.30	0.00	1.0
410,70	410.90	Ground Lore					۰ ۲	
			20 <b>3</b> 00	410.50	412.00	1.50	0.02	1.6
			20301	412.00	413.50	1.50	0.24	0.7
			20302	413.50	415.00	1.50	0.23	0.8
			20303	415.00	416.50	1.50	0.28	ö.3
	•		20304	416.50	418.00	1.50	0.25	0 <b>.</b> 5
			20305	418.00	417.24	1.24	0.16	0.5
<u> 1</u> 70 - AA	477 54	core is fractured along the core avis	70704	415.74	470.50	1.26	0.17	<b>ú.</b> 3
720,00	722.00	tere is nationes along the core 2013	20000	420, 50	477.00	1.50	0.13	4
191 TA	429 53	- stronger chloritization, matrixe with $3 - 52$ coarse by discominated and as	70308	477.00	423.50	1.50	0.31	0.3
7. 147	720100	stringer with consistent messare with o the core stic	20309	477.50	475.00	1.50	0.30	0.1
		an entre area come an engela rubbeng va che core onea	20310	425.00	426.50	1.50	0.20	0.3
			20010	476.50	477.50	1.00	ú <b>.1</b> 7	1.7
•			20312	427.50	428.50	1.00	( <b>.</b> 18	0.5
<b>~~~</b>	•••	•		400.01		+ =/	A 74	
1.50	449,84	Strongly Sericitized with patches of Fuchite	20313	428.00	430.00	1,30 • EA	V.21 A 74	0./ 
		- light green colour	20314	430.00	-31.50	1.00 4 EA	V.21 A 75	<b>∂.0</b> ∴ :
		<ul> <li>3-5% py coarse grained disseminated and within stringers</li> </ul>	20315	431.50	433.00	1.30	0.33 .	V.1 • 1
			20316	455.00	434.50	1.30 . ea	V.24	vil Vil
			20317	434,30	435.V) (77 FA	1.30	0.20 A AD	1.0
			26318	436.00	457.50	1	11.117	ذ.1

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HOLE - PAGE \$ 12 of 13

KIND GOLD CANADA INC.

# HOLE - PAGE # 13 of 13

FROM	TO	DESCRIPTION		Sample	FROM	TG	WIDTH	Au a_ton	hậ c_ton	
	····	<u> </u>	······································	7//710	437 50	439.00	1 50	A 6 <b>0</b>		
				20320	439.00	440.50	1.50	0.08	1.2	
				20321	440.50	442.00	1.50	0.12	1.2	
				20322	442.00	443.50	1.50	0.08	1.6	
				20323	443.50	445.00	1.50	0.27	3.7	
445.02	445.90 Ground Core									
				20324	445.00	446.50	1.50	0.20	2.5	
		• .		20325	446.50	448.00	1.50	0.05	1.7	
				20326	448.00	447.84	1.84	0.06	1.7	
840.04	420 04 5 0 8			•						

447.84 449.84 E.O.H.

# APPENDIX D

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# STUCUTURAL STUDY

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STRUCTURAL STUDY OF RED MOUNTAIN PROPERTY

LAC/Bond Gold Canada Inc.

Skeena Mining Division

Stewart, B.C.

Report submitted

to

LAC/Bond Gold Canada Inc.

by

H. Helmstaedt

Queen's University

Kingston, Ontario K7L 3N6

September 1991

#### INTRODUCTION

Structural observations described in this report were made on the Red Mountain Property, concentrating on the southeastern slope of Red Mountain, underlain by the Marc Zone, the most significant gold occurrence encountered on the property to date (see Fig. 3D in Vogt, 1991). The study was comissioned by the late Andreas M. Vogt and was intended to determine:

1. possible structural controls of the mineralization, and

2. post-mineralization deformation and its consequences

for the spatial distribution of the ore.

Field work, conducted during a six-day visit from August 4-9, 1991, consisted of the following:

Day 1: General introduction to geology of property with

A. Vogt (Goldslide Creek, Marc Zone, Rio Blanco).

Day 2: Visit of Erin Stock at McAdam Point, beginning of

detailed field work on Marc Zone (with A. Vogt).

Days 3-5: Detailed field work on Marc Zone (with M. Coleman). Day 6: Inspection of gold showings on west side of Lost

Mountain, completion of work on Marc Zone (with A. Vogt).

I am grateful to Andreas Vogt for the invitation to work on Red Mountain and thank him and his field crew for the friendly cooperation, helpful discussions, and truly great hospitality during my visit. I am especially thankful to Megan Coleman for her invaluable help during the detailed work on the steep slopes of the Marc zone. I share the sense of loss caused by Andreas' untimely death shortly after my visit but hope that his great spirit and excellent work will inspire those who follow in his footsteps on Red Mountain.

#### GENERAL GEOLOGY

The Red Mountain Property is located approximately 15 km east of Stewart, B.C., in a belt of Upper Triassic to Middle Jurassic sedimentary, volcanic, and plutonic rocks (Stewart Complex of Grove, 1986) preserved between the Late Cretaceous to Tertiary intrusive rocks of the Coast Plutonic Complex, in the west, and the upper Middle Jurassic to Lower Cretaceous clastic rocks of the Bowser Basin, in the east. As mapped by Grove (1986), the property is underlain by the Upper Triassic to Lower Jurassic Unuk River Formation, the oldest formation of the Hazelton Group (Table 1), interpreted as an Early to Middle Jurassic island arc assemblage of the Stikinia Terrane (Monger et al., 1982). At Red Mountain, the Unuk Formation, consisting of bedded tuffs, argillites, and cherts, is intruded by a hornblende-diorite stock, the Goldslide Intrusion, thought to be correlative with the Early Jurassic synvolcanic Texas Creek plutonic suite (Grove, 1986; Anderson and Bevier, 1990) of the Stewart Camp. The intrusion outcrops in the cirque of Goldslide Creek as well as on the western and southeastern slope of Red Mountain. A number of deformed quartz-feldspar porphyry dykes in the surrounding country rocks also appear to be related to the Texas Creek plutonic suite (Vogt, 1991). A wide zone of alteration (mainly sericitization and pyritization) surrounding the intrusion is responsible for the gossany appearance of the rocks around Red

Mountain (Vogt, 1991). Post-Jurassic plutonic rocks on the Red Mountain property include a small intrusive stock of quartz monzonite, the Erin stock (McAdam Point pluton of Grove, 1986), cropping out on both sides of Bromley Glacier, at McAdam Point and on the northern side of Lost Mountain, and numerous dykes ranging in composition from granitic to granodioritic (Portland Canal dyke swarm of Grove, 1986). All of these are thought to be part of the Coast Plutonic Complex intrusive suite.

The gold mineralization of the Marc Zone is spatially related to the early Jurassic subvolcanic Goldslide intrusion and is thought to have been the result of late-stage hydrothermal activity associated with this intrusive event (Vogt, 1991). Whereas the early Jurassic mineralization is characterized by a close association of gold with dissemninated and massive pyrite, gold and molybdenite mineralization in the Eocene Erin stock is associated with steeply-dipping quartz veins.

#### STRUCTURAL SETTING OF PROPERTY

As mapped by Grove (1986), the Lower to Middle Jurassic volcanic arc assemblage of the Hazelton Group (which is part of the Stewart Complex) in the Red Mountain area, west of Stewart, is bounded in the west by the intrusive margin of the Late Mesozoic to Tertiary Coast Plutonic Complex, whereas in the east it is overlain by the Late Jurassic to Cretaceous clastic overlap assemblage of the Bowser Lake Group. Although earlier workers did not associate structures in the Stewart Complex (part of Stikinia)

with those in the overlying sedimentary rocks of the Bowser Basin, to the east, recent work by Evenchick (1991a,b) has shown that the strata of the Bowser Basin are part of a regional fold and thrust belt, the Skeena Fold Belt, that developed between latest Jurassic and early Tertiary time and that, in addition to the Bowser Lake and Sustut groups, involved strata at least as low as Lower and Middle Jurassic Hazelton Group. The implication of this work are that the thrust faults of this belt have affected rocks of Stikinia, west of the Bowser Basin, and may root in the Coast Plutonic Complex, beneath and to the west of the property. Structures in Hazelton Group rocks of the Stewart Complex in the Red Mountain area are thus the consequence of a complex sequence of deformation including early Jurassic events (Nassian orogeny of Groves, 1986), regional shortening and low-grade metamorphism related to the formation of the late Mesozoic Skeena Fold and Thrust Belt, and deformation and uplift associated with Tertiary plutonism in the Coast Plutonic Complex (Table 1).

According to Grove (1986), early Jurassic deformation is indicated north of Stewart by folds in the Unuk River Formation that are truncated by a regional angular unconformity at the base of the Betty Creek Formation. Betty Creek sedimentation and volcanism were followed by normal faulting, graben development, minor folding, uplift and erosion, and the fault-controlled throughs were infilled by the Salmon River Formation. Granitic clasts in the basal Salmon River Formation indicate that some of the early Jurassic intrusions of the Texas Creek plutonic suites

were first unroofed at that time. Granitic clasts are also observed in the Upper Jurassic parts of the Bowser Lake Group.

Although pre-Middle Jurassic deformation is recorded in the region, Evenchick (1991b) found it impossible to distinguish pre-Middle Jurassic structures from post-Middle Jurassic structures, related to the formation of the Skeena Fold Belt, unless Middle Jurassic or younger strata are also present. Because no significant deformation has been described for the interval between the deposition of the Hazelton and Bowser Lake groups, Evenchick (1991b, p. 977) concluded that folds in the Hazelton Group are likely to be a result of shortening during the formation of the Skeena Fold Belt. She also noted that identification of Skeena Fold Belt-related structures in the Hazelton Group may be difficult because of the differences in structural competency (and thus structural behavior) between the volcanic units of the Hazelton Group and the well-layered sedimentary strata of the Bowser Lake Group.

The timing of formation of the folds in the sedimentary rocks of the Unuk River Formation on the Red Mountain Property (such as the north-northwest-trending tight to isoclinal folds on the west side of Lost Mountain) must thus be viewed within the regional constraints described above. Folds in the easterly dipping Unuk River strata on the western slope of Red Mountain are within the eastern limb of the Bromley Syncline (Grove, 1986), formerly thought to be an early Jurassic structure (see also Vogt, 1991, p. 11). However, the core of this syncline, west of Bromley Glacier,

is occupied by strata of the Salmon River Formation; the Betty Creek Formation being absent in this area (either due to nondeposition or erosion prior to Salmon River deposition). Although folds have been observed elsewhere within the Unuk River Formation, beneath an angular unconformity with the Betty Creek Formation (Grove, 1986), Salmon River strata, where observed in contact with overlying Bowser Lake Group, are generally more or less conformable (Anderson and Thorkelson, 1990). Bromley syncline thus appears to be a post-Middle Jurassic, Skeena Fold Belt-related structure. Using the reasoning put forward by Evenchick, folds in the underlying Unuk River Formation may also be post-Middle Jurassic or, if indeed older, they must have been modified during the formation of the Bromley syncline.

### STRUCTURAL SETTING OF MARC ZONE

Although bedding in the rocks of the Unuk River Formation, west of the Goldslide intrusion, dips uniformly steep to the west, and tight to isoclinal folds with steeply west-dipping axial surfaces and axial planar cleavage occur on the western side of the Erin stock, bedding orientations above the Goldslide intrusion on Red Mountain are highly variable in strike and range in dip from steep to nearly horizontal. The generally strongly hornfelsed and oxide-stained stratified rocks are highly fractured and faulted, but they do not appear to be folded and lack a regional cleavage. The few primary structures observed suggest that the entire sequence has remained upright. Although the relatively moderate

overall dips of bedding (Fig. 1) appear to be the result of updoming above the intrusion (see also Vogt, 1991), in detail the contact between the hornblende diorite and the country rock is very irregular and complicated by the occurrence of intrusive breccias and local sheet-like apophyses of diorite parallel and oblique to bedding. The overall impression is that the hornfelsed stratified rocks above the intrusion remained upright and did not fold, because they were protected from regional shortening during Jurassic as well as Cretaceous deformation by the buttress effect of the intrusion. The intensity of fracturing shows, however, that stratified and intrusive rocks together responded to deformation in a brittle way.

The Marc Zone is located beneath the southern slope of Red Mountain (see Fig. 3D of Vogt, 1991), the mineralized zone being exposed at the foot of a steep, jarosite-stained cliff north of Goldslide Creek (BL 0+00W, 0+05S). As described by Vogt (1991), drill-hole intersections suggest that the north-striking and moderately west-dipping, mineralized zone consists of a number of irregularly-shaped sulfide lenses which are closely associated with the irregular roof of the Goldslide intrusion. Mineralization consists of disseminated to massive pyrite (with some pyrrhotite and traces of sphalerite, chalcopyrite, arsenopyrite, galena, tetrahedrite, and tellurides) and occurs in the interlayered argillites and tuffs (IAT unit), directly above the intrusion, in the fine-grained contact phase of the hornblende-plagioclase porphyry, and in a contact breccia, consisting of randomly oriented

blocks of intrusive and country rocks. As a result of the strong oxide-staining and the limited outcrop of the mineralized zone, no conclusive surface observations were possible with regard to possible structural controls of the mineralization. Although remobilized sulfides have been observed in some early fractures, most of the intense fracturing and faulting on the Marc property appears to postdate the mineralization. Inspection of core from diamond drill hole 90-35 showed that the mineralized diorite is generally massive, but that pyrite is locally deformed and has pressure shadows filled with oriented quartz fibres and/or phyllosilicates (probably muscovite and chlorite). This suggests that both hostrock and mineralization have been affected by some penetrative deformation, probably similar to that observed locally in diorite outcropping in Goldslide Creek. With the present observations, it cannot be decided whether this deformation is related to early Jurassic or Cretaceous shortening.

## FRACTURE AND FAULT ANALYSIS ON MARC PROPERTY

As the spatial distribution of the Marc zone mineralization is likely to be the result of a combination of primary factors and post-mineralization brittle displacements, it was decided to undertake a fracture and fault analysis on the south-eastern slope of Red Mountain, in the area covered by the geology map of the Marc zone (Fig. 3D of Vogt, 1991). The limited time available made this analysis subjective, as not all fractures could be measured and emphasis had to be put on finding surfaces along which significant

displacement might have taken place. Features measured as fractures include only obvious fracture sets that show local regular spacing and no apparent displacement. As a consequence, horizontal and other, less regular fractures are underrepresented. Faults were recognized by slicken-sided surfaces and the presence of fault breccia and gouge. As displaced markers were generally not recognizable, the direction and sense of movement on the faults were deduced from steps on striated surfaces, S- and C-fabrics within fault zones, and the relationship between the orientations of extension fractures and fault surfaces (Fig. 2). Most of the measurements were plotted on the 1:500 geology map of the Marc zone (Fig. 3D of Vogt, 1991; the copy was left in the Red Mountain field camp) and are represented on stereographic plots in Figs. 3 and 4). The results are discussed with respect to the grid system on the Marc zone geology map.

Although there is considerable scatter among both the fault and fracture measurements, a conjugate set of NNW-striking, ENEand WSW-dipping normal faults, each with associated steeplydipping extension fractures, emerges as the most important fault pattern (Fig. 4). The two maxima on Figure 4 correspond to N 28°W 73°E, for the easterly-dipping faults, and N 15°W 66°W for the westerly-dipping faults. Many of the faults have down-dip striations and kinematic indicators suggesting normal movements, though in most cases it is impossible to estimate the magnitude of displacements. While most faults appear to be minor, in lateral extent as well as in displacement, three of the faults mapped have

a significant lateral extent, and at least one of these may also have a significant displacement. Two of these major faults are Wdipping normal faults that had been mapped previously near the bottom of the cliff above Goldslide Creek, intersecting Line 0+20S at approximately 105W and 50W respectively, and therefore referred to as 105W and 50W faults. Both strike slightly W of N, dip approximately 65° to the W, and are characterized by up to 2m wide breccia zones. The 50W fault can be followed northward up to approx. 0+30N, where it disappears under a scree cover. The 105W fault can be followed to approx. 0+55N where it meets a major NNEdipping fault. This fault, here referred to as the NNE fault, can be traced from approx. 0+15S, 0+70W to 1+50N, 1+65W, where it swings northward and is partially obscured by scree.

The mutual relationships between the three major faults and associated conjugate minor faults are illustrated in cross-section on Figure 5. It can be seen that the wedge-shaped block between the 50W and NNE faults has been down-dropped relative to adjacent areas in the E and W. Judging from the much stronger surface expression of the 50W fault zone at this latitude, it is probable that the NNE fault has the smaller displacement and terminates against the 50W fault. However, the surface expression of the NNE fault becomes significantly stronger towards the north (see especially outcrops southeast of the collar of Drill Holes 90-52 and 90-53), and it is likely that displacement along the fault also increases towards the north. The horst between the NNE and 105W faults narrows northwards into a wedge where both fold meet (Fig. 6). Unfortunately, though

there are indications that the westerly-dipping faults may be important, present data do not allow an estimate of displacement on any of the major faults. For example, drill holes 90-55 and 90-56 (see Section 0+25N of Drill Report) have penetrated the steep westerly-dipping 50W fault, confirming the dip measured at the surface, and both holes have intersected the moderately westdipping Marc zone in the footwall of this fault. However, as the Marc zone has not yet been encountered west of the fault at the predicted depth (Vogt, personal cmmunication), it is possible that it may have been down-dropped in the hanging wall of this fault (Fig. 5). Drilling is recommended at an appropriate distance west of the 50W fault to test this hypothesis.

the NNW-trending normal faults and associated Whereas extension fractures suggest an environment of regional extension in an ENE-WSW direction, a significant number of steeply-dipping to vertical fractures and some minor faults strike approximately ENE (see Figs. 3 and 4), more or less parallel to the extension direction. Some of these have horizontal striations, suggesting minor strike-slip movements, but steeply plunging to vertical striations have also been observed. Two minor lateral offsets of the NNE fault along such vertical cross faults (dextral at its southern end; sinistral further north, north of drill hole 90-43) indicate that at least some of the strike-slip displacements postdated the normal faulting. Temporal relationships between the normal faulting and the oblique- and dip-slip movements along steep cross faults are not clear, but it is possible that these movements

were the result of adjustments within fault blocks during normal faulting. Such movements could account for variations in displacement along strike of the normal faults. Horizontal striae were also observed on a vertical, NNW-striking fault west of the Marc zone. However, this fault (shown on the Marc zone geology map at Line 0+20S, 0+25E) could not be traced northwards and is considered to be of minor importance.

#### AGE OF FAULTING

Apart from observations that mineralized early fractures are diplaced, very little direct evidence exists as to the age of the normal faulting. However, as there are no obvious indications that normal faults have been reactivated by high-angle reverse faulting, it is suggested that the extensional faulting postdates the Cretaceous regional shortening responsible for the formation of the Skeena Fold Belt. It may also postdate the intrusion of the early Tertiary Erin stock which contains mineralized NNW-striking fractures. As the Stewart Complex was essentially frozen to the east margin of the Coast Plutonic Complex and has been involved in uplift along with the Coast Geanticline (Groves, 1986), it is likely that the normal faults cutting the Marc zone are a manifestation of extension accompanying this uplift.

The minor NNE-striking strike-slip faults at least in part postdate the normal faults. However, they appear to predate the emplacement of the north to north-westerly striking andesitic dykes (Unit 11 of the Marc zone geological map) which have intruded along some of the normal faults but have not been observed to be

displaced along any of the cross faults. ENE-striking, synmetamorphic shear zones in granodiorite outcropping along Goldslide Creek, thought to predate the normal faulting, have not been reactivated during late-stage strike-slip faulting, because andesite dykes crossing these zones have not been displaced.

### CONCLUSIONS AND RECOMMENDATIONS

1. No new observations could be made during the present visit regarding the question of possible structural controls of the mineralization of the Marc zone. As the rocks outcropping at the surface are highly fractured and oxide-stained, a more comprehensive study of this problem would have to include a detailed inspection of drill core from the property.

2. Rocks of the Stewart Complex in the Red Mountain area were affected by early Jurassic deformation that was followed by Cretaceous regional shortening associated with the formation of the Skeena FoLd Belt in the Bowser Basin to the east. Although it is difficult to distinguish between early Jurassic and Cretaceous structures on the property, where post-early Jurassic sedimentary rocks are absent, it is likely that the Bromley Syncline (the axial trace of which is located immediately to the west of the property) and structures related to it are Cretaceous structures associated with the formation of the Skeena Fold Belt. It is also likely that thrust faults in the pre-Bowser Lake Group basement of the Skeena Fold Belt root as far west as the Red Mountain area and may exist at depth beneath the property.

3. Although weak penetrative deformation was seen in mineralized drill core, the Marc zone appears to have been protected from major regional shortening by the buttress effect of the Goldslide intrusion. Most of the brittle fractures and faults observed in outcrops of the Marc zone have affected both intrusive and country rocks and are thought to be related to extension postdating the shortening causing the formation of the Skeena Fold Belt.

4. Most of the faults encountered near the Marc zone are NNWstriking normal faults. They have dissected the host rocks of the Marc zone into wedge-shaped horst and graben blocks that are broken up further by associated steep to vertical extension fractures. Displacements are generally minor, but at least three of the normal faults are thought to have a potential effect on the geometry of the mineralized zone. The WSW-dipping 50W and 105W faults may have caused significant west-side-down displacement of the western part of the Marc zone, and the NNE fault may have caused east-side-down displacement in the northern part. It is recommended that the hypothesis of a possible western extension of the Marc zone be tested by drilling at the appropriate distance west of the 50W fault somewhere between Lines 0+25N and 0+20S.

5. It is strongly recommended that structural mapping be continued on the property and that attempts be made to correlate between faults mapped at the surface and those encountered in drill core.

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- Figure 2. Sketches of kinematic indicators used to determine displacement sense on faults on Marc zone. A. Cross-section of fault surface with stepped slickensides. B. Cross-section of fault zone with s-surfaces (i.e. cleavage or schistosity developed within the fault zone). Note that in normal faults, s-surfaces have shallower dips than fault (fault is equivalent to c-surface), whereas in reverse faults the s-surfaces have a steeper dip than the fault zone. C. Extension fractures associated with normal faults are approximately vertical, indicating a horizontal extension direction and thus normal faulting.
- Figure 3. Stereographic plot of 58 poles to fracture sets observed at the Marc zone.
- Figure 4. Stereographic plot of 69 poles of fault surfaces on Marc zone. This plot includes all surfaces on which striated slickensides were observed. As a rule, the NNW-striking surfaces have down-dip striations, whereas the ENE-striking surfaces have predominantly horizontal and moderately plunging striae.
- Figure 5. Sketch illustrating cross-sectional view of faults along Line 0 +00 on Marc zone. Sense of possible displacement of Marc zone (stippled) along 50W Fault is indicated, though the magnitude of displacement is not known.
- Figure 6. Sketch illustrating map and cross-sectional view of convergence of 105W and NNE faults near Line 0+50N and 0+105W to show narrow horst between the two faults. Magnitudes of normal displacement on these faults is unknown, but it is likely that the displacement on the 105W fault is greater than that along the NNE fault at this location. Mol Finite Content on the State of 


# TABLE 1. FORMATIONS AND SEQUENCE OF EVENTS

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Figure 1. Sterographic plot of poles to bedding, Marc zone





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Figure 3. Stereographic plot of poles to fractures, Marc zone





Figure 6

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