

PROJECT: 952-1523

# RECORD OF BOREHOLE: BH95G-2

SHEET 1 OF 2

LOCATION: Dam Site B, West Valley Wall

DRILLING DATE: May 17, 1995

DATUM: G.S.

INCLINATION: -90 AZIMUTH:

DRILL RIG: Boyles Brothers - Rotary

DRILLING CONTRACTOR: D.J. Drilling



DEPTH SCALE METRES	DRILLING RECORD	DESCRIPTION	SYMBOLIC LOG	ELEV. DEPTH (m)	RUN No.	PENETRATION RATE (mm/min)	FLUSH - COLOUR - % RETURN	FR-FRACTURE CL-CLEAVAGE SH-SHEAR VN-VEIN			F-FAULT J-JOINT P-POLISHED S-SLICKENSIDED			SM-SMOOTH R-ROUGH ST-STEPPE PL-PLANAR			FL-FLEXURED UE-UNEVEN W-WAVY C-CURVED			NOTES TEST RESULTS
								RECOVERY		R.Q.D. %	FRACT. INDEX PEK 0.3m	DISCONTINUITY DATA			ROCK STR. (MPa)	WEATH- ERING INDEX (w)				
								TOTAL CORE %	SOLID CORE %			DIP w.r.t. CORE AXIS	TYPE AND SURFACE DESCRIPTION							
								80 60 40 20	80 60 40 20	80 60 40 20	0 30 60 90	1 2 3 4	1 2 3 4	1 2 3 4						
0		Ground Surface		1360.00																
		Topsoil.		0.00																
				0.15																
1		Firm, wet, brown SILT/sandy SILT, little gravel, occasional boulder.		1358.48																
				1.52	1															
2		Firm to stiff, brownish grey, clayey SILT, little gravel, trace ice lenses.		1356.96																
				3.04	2															
3		Stiff, brownish grey, clayey SILT, little sand and gravel, occasional cobbles.		1355.13																
				4.87	3															
4					4															
5		<b>BEDROCK</b> Weak, weathered, fractured, laminated METASEDIMENTS. Some brown, stiff to firm clay, silt layers. (Clay/silt layers at 7.6 - 8.2m).		1351.78																
				8.22	5															
6		Moderately strong, slightly weathered, black, laminated METASEDIMENTS. Some quartz/calcite veins.		1349.03																
				10.97	6															
7		Highly fractured, weak, weathered, black METASEDIMENTS.		1346.90																
				13.10	7															
8		Moderately strong, slightly weathered, brown stained, laminated METASEDIMENTS. Some quartz veining.		1344.16																
				15.84	8															
9		Completely desintegrated METASEDIMENTS.		1343.55																
				16.45	9															
10		Moderately strong, slightly weathered METASEDIMENTS. Laminated 20 - 30 degrees.		1342.63																
				17.37	9															
11		Highly fractured shear zone, some voids.		1341.72																
				18.28	10															
12		Moderately strong, slightly weathered, black laminated METASEDIMENTS, some quartz veins, laminated at 20 - 30 degrees angle.		1341.72																
				18.28	11															
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				

DEPTH SCALE:

CLIENT: Cominco

LOGGED: L.W.

1 to 100

Golder Associates

DATE: May 17, 1995

CHECKED: M.D.

DATA FORM: R. 10/85

DATA INPUT: June/95

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SHEET 2 OF 2

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DEPTH SCALE METRES	DRILLING RECORD	DESCRIPTION	SYMBOLIC LOG	ELEV. DEPTH (m)	RUN No.	PENETRATION RATE (m/min.)	FLUSH % RETURN	FR-FRACTURE		F-FAULT		SM-SMOOTH		FL-FLEXURED		NOTES TEST RESULTS
								CL-CLEAVAGE		J-JOINT		R-ROUGH		UE-UNEVEN		
								SH-SHEAR		P-POLISHED		ST-STEPPED		W-WAVY		
								VN-VEIN		S-SLICKENSIDED		PL-PLANAR		C-CURVED		
RECOVERY		R.Q.D. %	FRACT. INDEX PER 0.3m	DISCONTINUITY DATA				ROCK STR. (MPa)	WEATH- ERING INDEX (w)							
TOTAL CORE %	SOLID CORE %			TYPE AND SURFACE DESCRIPTION		DIP w.r.t. CORE AXIS	W1			W2	W3	W4				
20		CONTINUED FROM PREVIOUS PAGE														
21		Same as above.			11											Caved Material
21		End of Borehole.		1338.67 21.33												
22																
23																
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