

ENGINEERING LOG - CORED BOREHOLE

35 270

borehole no. 10
sheet 1 of 3

drilling information				rock substance			rock mass defects			
case-lift	fluid loss	water	notes	metres	depth	substance description	weathering	strength	defect spacing	defect description
			SPT	RL	depth <td>rock type: grain characteristics, colour, structure, minor components.</td> <td></td> <td></td> <td>mm.</td> <td>thickness, type, inclination, planarity, roughness, coating.</td>	rock type: grain characteristics, colour, structure, minor components.			mm.	thickness, type, inclination, planarity, roughness, coating.
				0	0	CONCRETE SLAB				
					0	ALL: Brich, dolerite, sst. rock frags				
					1	SAND (SW) Grey brown, fine qtz sand. Some dolerite boulders to 50mm.				
					2					
					3	SAND (SP) grey black, fine-medium qtz, some coarse. Some shell frags and dolerite pebbles to 30mm.				
					4					
					5	SAND (SW) grey black, fine qtz. Some shell frags. and dolerite boulders to 40mm. Trace organit material.				
					6					
					7					
					8	SAND (SP) brown - blue grey, med. - coarse, some dol. boulders to 50mm.				
					9	SAND (SW) yell. brown, fine, some dol. boulders to 50mm.				
					10	SAND (SP) green grey - brown, medium - coarse qtz, trace fine gravel.				
			N=6							
			N=5							
			? N=10							
			? N=2-5							
			? N>60							
			? N=13							
			? N=19							

* SPT RESULTS DUBIOUS DUE TO HOLE COLLAPSE & INCORRECT DRILLING PROCEDURE

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sheet 2 of 3

project **INTERNATIONAL HOTEL** location **NETTLEFOLDS BUILDING**

co-ordinates R.L. 2.036 m inclination **VERT** bearing

drill type **LONGYEAR 28** drill method **Triple Tube** drill fluid **Water**

hole commenced **5/12/84** hole completed **10/12/84** drilled by **L.N** logged by **RB** checked by **JS**

drilling information				rock substance			rock mass defects		
case lift	fluid loss	notes	lugoons	metres	substance description	weathering	strength	defect spacing	defect description
		SPT RQD	0-100	R.L. depth	rock type: grain characteristics, colour, structure, minor components.		BL W FR	mm. 30 100 300 1000 3000	thickness, type, inclination, planarity, roughness, coating. significant general
		N=24		10	Some dolerite boulders from 20-80mm dia. Boulders blue-grey, SW, v. high strength				
				11					
				12					
		ROD = 0		13					
		13%		14	DOLERITE: fine to medium grained, blue grey-brown.	SW HW			
				15					
		75%		16	As above. Colour - blue-grey.	SW FR			← Broken Core
				17					
		65%		18					
				19					
		0		20					

Defects are joints, sub vertical - sub horizontal. Planes rough, irregular. Generally calcite & chlorite filled - 2 to 5mm.

Fine grained 20mm intrusion 20° to core axis

1400mm subvert. shear planes infilled with calcite/chlorite. Secondary alteration?

Brecciated? shear zone? siliceous? secondary alteration? Alteration?

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project INTERNATIONAL HOTEL				location NETTLEFOLDS BUILDING								
co-ordinates		drill type LONGYEAR 38		hole commenced 5/12/84								
R.L. 2.036 m		drill method Triple Tube		hole completed 10/12/84								
inclination VERT		drill fluid Water		drilled by LN								
bearing				logged by RB								
				checked by JS								
drilling information				rock substance			rock mass defects					
case lift	fluid loss	water	notes	lugoons	metres	graphic log	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength	defect spacing mm.	defect description thickness, type, inclination, planarity, roughness, coating.	
												0.3
					20							
			END		21							