

ENGINEERING LOG - CORED BOREHOLE

project INTERNATIONAL HOTEL	location DAVEY ST.
co-ordinates	drill type WARMAN 1000
R.L. 1.998	drill method NQ
inclination VERT	drill fluid WATER
bearing	hole commenced 23/1/84
	hole completed 23/11/84
	drilled by ES
	logged by JS
	checked by

drilling information				rock substance			rock mass defects					
case-lift	fluid loss	water	notes	lugoons	metres	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength	defect spacing mm.	defect description		
										thickness, type, inclination, planarity, roughness, coating.	significant	general
				0.3 1 3 10 30 100	R.L. depth				30 100 300 1000 3000			
					0							
					1							
					2							
					3							
					4							
					5							
					6							
					7	Mudstone, red sandstone, dolerite boulders and rock fragments to 75mm						Boulder bed
					8	SILTY - SANDY CLAY: (CL) Yellow brown						TERTIARY SEDIMENTS?
					9	core loss - EW dolerite or clayey sand? Dolerite - brown, medium-coarse coarse grained dolerite						Close joints, irregular and planar, Fe stained and minor clay, 20° and 70° sets dominant
			15%			core loss Broken core						

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borehole no. 5
sheet 2 of 2

project	INTERNATIONAL HOTEL	location	DAVEY ST.
co-ordinates	R.L. 1.998m	drill type	WARMAN 1000
inclination	VERT	drill method	NQ
bearing		drill fluid	WATER
		hole commenced	23/11/84
		hole completed	23/11/84
		drilled by	RS
		logged by	BJS
		checked by	

drilling information				rock substance				rock mass defects			
case-lift	fluid loss	water	notes	lugesons	metres	substance description	weathering	strength	defect spacing	defect description	
				0.3 1 10 30 100	R.L. depth	rock type: grain characteristics, colour, structure, minor components.			30 100 300 1000 3000	thickness, type, inclination, planarity, roughness, coating.	general
										significant	
			70%		10	Medium - coarse grained dolomite. Broken core - closely jointed	HV SW				20° subhorizontal Irregular, rough, Fe stained bright joints, chlorite? green staining.
					11						
			85%		12						
					13	Dolomite - medium grained blue grey.	SW				
			90%		14		SW			Sig. defects 200-250mm spacing. Rough, irregular approx 20° set. Green Fe mineral staining Generally closed Joints often discontinuous.	
			90%		15		SW				
			75%		16					Joints generally closed. rough, irregular, often discontinuous. Fe stained minor chlorite <1mm thick. Calcite joint filling <1mm. 20° and 70° set frequent. 100mm - 200mm significant joint spacing.	
			END		17						