

ENGINEERING LOG - CORED BOREHOLE 35 253

project **INTERNATIONAL HOTEL** location **HUNTER ST**

co-ordinates
R.L. **1.648**
inclination **VERT**
bearing

drill type **WARMAN 1000**
drill method **NQ**
drill fluid **WATER**

hole commenced **22/11/84**
hole completed **22/11/84**
drilled by **RS**
logged by **JS**
checked by

drilling information				rock substance				rock mass defects			
case lift	fluid loss	water	notes	lugoons	metres	substance description	weathering	strength	defect spacing	defect description	
				0.3 1 3 10 30 100	R.L. depth	rock type: grain characteristics, colour, structure, minor components.		30 100 300 1000 3000	mm.	thickness, type, inclination, planarity, roughness, coating.	significant general
					0						
					1						
					2						
					3						
					4	NOT SAMPLED Largely shelly, gray sand assumed from washings.					
					5						
					6						
					7						
					8	core loss - sandy sedits with boulders?					
					9	Dolerite, sandstone, siltstone pebbles and boulder core. clayey or sandy matrix?					
					10						

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borehole no. 4
sheet 2 of 2

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R.L. 1.648		drill method	NQ
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			(RAD)	0-100	R.L. depth	rock type: grain characteristics, colour, structure, minor components.	EWL M H WH	BL L M H WH	30 100 300 1000 3000	significant	general
			0%		10	coarse grained dolerite	HW				70° and 20° set dominant. Generally closely jointed 10-50 mm. Broken zones 5-20 mm joint spacing. Joints Fe stained rough, irreg - planar.
					11		SW-HW				
					12	Largely broken core	SW				10-30 mm joint spacing. Fe stained. planar - irreg. rough.
					13		SW				
			25%		14	Broken core					30-100 mm joint spacing. closely jointed, small 3 mm clay or altered Fe or chlorite joint filling. 50-70 joint spacing. Dominant subhorizontal 10°-20° set. Stained, green clay or chlorite. rough, irregular.
					15		SW				
			40%		16	Dolerite - medium grained blue grey	SW				Joint spacing 70-120 mm rough, irregular - planar Fe and minor chlorite along joints < 1mm thick. General defects - tight joints irregular, stained Fe.
			35%		17		SW				