TASMANIA DEPARTMENT OF MINES

Ref No: 14686

ENGINEERING LOG – CORED BOREHOLE

35 259

borehole no. 6

sheet 1 of 2

project INTERNATIONAL HOTEL

location HUNTER ST.

co-ordinates

R.L 1.688m

inclination VERT.

bearing

drill type WARMAN 1000

drill method NQ

drill fluid WATER

hole commenced 26/11/'84

hole completed 26/11/'84

drilled by RS

logged by JS

checked by

drilling information							rock substance				rock mass defects	
casing-lift	fluid loss	water	notes RQD	lugeons 0.3 1 3 10 30 100	metres R.L.	depth	graphic log	substance description (rock type: grain characteristics, colour, structure, minor components.)	weathering	strength EL VL L M H VH EH	defect spacing mm. 30 100 300 1000 3000	defect description (thickness, type, inclination, planarity, roughness, coating.) significant / general
					0					CORE LOSS		
					1							
					2							
					3			Sand and silty sand with shell fragments and some sandstone, dolerite pebbles to 70mm dia. NOT SAMPLED. ASSUMED FROM CASING PENETRATION AND WASH SAMPLES.		NO RECOVERY		ALLUVIAL SEDIMENTS?
					4							
					5							
			0%		6			Dolerite boulders in sandy? matrix				BOULDER BED
			0%					Broken core	SW-HW			↓ DOLERITE BEDROCK 20-50mm, Fe, irreg, rough, joints. 10-70mm " " " " 60° clay filled planar joint 3-4mm wide
			0%		7			DOLERITE – blue, medium grained	SW			10mm-30mm close joints Fe stained, irreg and planar, rough
								Broken core	SW			20mm-50mm joint spacing dominant 70° & 20° set. rough irregular.
			7%		8				SW			
								Broken core				Closely jointed - 10-50mm spacing. Rough, irregular, Fe stained.
					9				SW			50-150 separation joints 20° and 70° set. Rough, irreg, curved Fe stained.
			50%									
					10				SW-HW			30-50mm sep. Fe, rough irreg.

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R.L. 1·688m
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drilling information							rock substance					rock mass defects	
casing-lift	fluid loss	water	notes RQD	lugeons 0.3 1 10 30 100	metres R.L.	metres depth	graphic log	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength EL VL L M H VH EH	defect spacing mm. 30 100 300 1000 3000	defect description thickness, type, inclination, planarity, roughness, coating. significant	general
			30%		10			Dolerite – blue, medium grained	SW			100-150 mm jt. spacing. sub horizontal (20°) and sub-vertical (70°) frequent. Fe and chlorite on joints (thin < 1mm) General defects, Fe stained tight joints 30mm spacing.	
								} chlorite and clay along jts	SW				
			END		11								
					12								