TASMANIA DEPARTMENT OF MINES

Ref No 14689

ENGINEERING LOG – CORED BOREHOLE

35. 268

borehole no. 9
sheet 1 of 1

project INTERNATIONAL HOTEL. location EVANS ST.

co-ordinates
R.L. 3.141
inclination VERT
bearing

drill type WARMAN 1000
drill method NQL
drill fluid WATER

hole commenced 27/11/84
hole completed 27/11/84
drilled by RS
logged by JS
checked by

drilling information						rock substance				rock mass defects	
casing lift	fluid loss	water	notes	lugeons 0.3 1 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		FILL ?
					1						
			N* = 6				CLAYEY SAND (SC). Medium qtz sand, some gravel to 20mm				ALLUVIUM CLAYEY SANDS.
					2						
					3		CLAYEY SAND (SC) Yellow brown				
			N* = 22				SILTY AND CLAYEY SAND: (SC) Black, organic rich. Some shell fragments. Some gravel				ESTUARINE SANDS
					4						
			N* = 3				SILTY SAND (SM). Black organic rich. Some dolerite gravel to 30mm dia.				
					5		DOLERITE BOULDERS				BOULDER BED
			60%								↓ DOLERITE BEDROCK
					6		Dolerite – coarse grained Blue	SW-Fr			150-200mm jt. spacing. Irregular, rough. Slight Fe staining
			80%				Dolerite – medium grained blue				
					7						Broken core. Close Fe stained jts. 10mm-30mm 40-150mm jts. tight, rough Fe stained
			50%								
			55%								70-350mm spacing. jts. as above
					8						
			80%				Very coarse grained	SW-Fr			200-400mm spacing of jts. tight, calcite veins <1mm
					9						
			END				CORE GROUND AWAY-DOL. BROKEN BIT				
					10						