

ENGINEERING LOG - CORED BOREHOLE

Ref No:

14681

borehole no.

sheet - 1 of 2

35 245

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 10 30 100	R.L. depth	rock type: grain characteristics, colour, structure, minor components.		(for recovery) CL UL LH VH	50 100 300 1000 3000	thickness, type, inclination, planarity, roughness, coating.	significant general
<p>project INTERNATIONAL HOTEL location HUNTER ST.</p> <p>co-ordinates R.L. 1.817 ~ inclination VERT bearing</p> <p>drill type WARMAN 1000 drill method NQ drill fluid WATER</p> <p>hole commenced 21/11/84 hole completed 21/11/84 drilled by RS logged by JS checked by</p>											
					0						
					1						
					2						
					3						
					4	NOT SAMPLED. Grey organic sands with shell fragments evident from washings.					
					5						
					6	Dolerite, sandstone, siltstone pebbles and boulder core					Boulder bed
					7	SANDY CLAY (CL) yellow brown					TERTIARY? SEDIMENTS
						CORE LOSS - SANDY SEBITS?					
					8	SANDY CLAY (CL) Yellow brown					Boulder bed
						CLAY (CH). Yellow brown					
					9	Quartzite, dolerite boulder fragments					
					9	Dolerite, grey brown medium grained Broken core	HW				clayey jointed 10-40 mm separation. Fe stained joints, irreg. - planar rough
			0%		10						

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			REG	0.3 10 30 100	R.L. depth		rock type: grain characteristics, colour, structure, minor components.	sw-hw	EL L H VH	30 100 300 500	thickness, type, inclination, planarity, roughness, coating.
											significant general
			0%		10	X	Dolerite, medium grained. Brown-grey.	sw-hw			(Core recovery difficult to determine) Closely jointed and broken core. 10mm-30mm joint frequency. Fe stained and minor (< 4mm) clay? or altered chlorite.
					11	X					
					12	X					
					13	X					
					14	X	Dolerite - medium grained blue grey. Dominantly subhorizontal (20°) joint set.	HW 13.8 SW	sw-hw		Sig. joints 20-100mm long spacing. Rough, irreg. to planar, green Fe mineral < 1mm along joints Sig. joints 100-300mm 1-tight, calcite veining < 1mm thin green Fe mineral! Irregular, rough. General defects, tight-irreg-planar, rough Fe stained joints approx 40mm separation.
			55%		15			Fr ↓	sw		
			END		16						