TASMANIA DEPARTMENT OF MINES REF NO 14710

borehole no. 1

sheet 1 of 2

ENGINEERING LOG – BOREHOLE

35 326

project PROPOSED REDEVELOPMENT location NORTH HOBART OVAL.

co-ordinates REFER PLAN drill type GEMCO 210 D
drill method AUGER
R.L.
inclination VERTICAL drill fluid
bearing

hole commenced 9 DEC 1986
hole completed 9 DEC 1986
drilled by G. BAKER (MINES)
logged by R. DONALDSON
checked by W. MOORE

penetration 1 2 3	support	water	notes samples, tests	metres R.L / depth	graphic log	classification symbol	material: soil type: plasticity or particle characteristics, colour, secondary and minor components.	moisture condition	consistency density index	hand penetrometer kPa (25 50 100 200 400)	structure, geology
		NOT ENCOUNTERED				GW GC	GRAVEL - Clayey GRAVEL: fine to coarse, blue grey and yellow brown, some sand, clay of high plasticity.	D	D		FILL (SURFACING AGGREGATE)
				1		CH (SC)	Sandy CLAY: high plasticity, grey and green grey, sand fine to medium, some coarse, trace fine gravel. Some clayey SAND lenses.	M > PL	St	x	RESIDUAL (IN-SITU) CLAY
				2		CH	Sandy CLAY: high plasticity, mottled yellow-brown and off white, sand fine to medium, trace coarse.			x	
				3			MUDSTONE: red/purple, remoulds in part to CH clay. Some SANDSTONE: fine grained yellow brown and white.	D			E.W. BEDROCK

refer sheet 2 for cored section

TASMANIA DEPARTMENT OF MINES

ENGINEERING LOG – CORED BOREHOLE

borehole no. 1

sheet 2 of 2

project PROPOSED REDEVELOPMENT location NORTH HOBART OVAL

co-ordinates REFER PLAN
R.L.
inclination VERTICAL
bearing

drill type GEMCO 210D
drill method NQ TRIPLE TUBE
drill fluid

hole commenced 9 DEC 1986
hole completed 9 DEC 1986
drilled by G. BAKER (MINES)
logged by R. DONALDSON
checked by W. MOORE

drilling information							rock substance				rock mass defects		
case-lift	fluid loss	water	notes	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
						1							
						2							
						3							
						4		MUDSTONE: red/purple, green grey, remoulds in part to CH clay.	EW				
								SANDSTONE: med. grained, off-white	HW				
								MUDSTONE: light green brown. Bedding massive to weakly laminated at 5° to horizontal.	HW – SW			← Crush seam, 5-10mm, dip 60°	Most defects are joints either parallel to bedding or steeply dipping. Joint surfaces are rough, irregular, locally Fe stained with clay film.
						5						← Crush seam 50mm	
						6							
								HOLE TERMINATED @ REQUIRED DEPTH OF 6.10m IN MUDSTONE					