PARTMENT OF MINES

EERING LOG – CORED BOREHOLE

borehole no. 1
sheet 2 of 2

H.C.C. CARPARK REDEVELOPMENT location BATHURST ST. HOBART.

ordinates REFER PLAN
R.L
inclination VERTICAL
bearing

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

hole commenced 29 SEPT '87
hole completed 30 SEPT '87
drilled by G. BAKER (MINES)
logged by R. DONALDSON
checked by

drilling information: core-lift	fluid loss	water	notes	lugeons (0.3 1 3 10 30 100)	metres: R.L	depth	rock substance: 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)	rock mass defects: defect description (thickness, type, inclination, planarity, roughness, coating) significant	general
			RQD										
			14			3		SANDSTONE: fine grained, yellow brown, bedding well developed (very thin to laminated) @ 5°-15° to hor'l.	HW				
			0			4							
		9 oct '87	0			5							
			0			6							
			0					MUDSTONE: red brown with yellow brown mottles, fissured. Remolds to CH clay					
			0						EW				
			0			7		SANDSTONE: fine grained, yellow brown with red mottles. Bedding well developed as above, some cross-bedding.					
			22						H.W				
			57			8							
			77			9							
						10							

Most defects are joints parallel to bedding. Some more steeply dipping joints occur. Joint surfaces rough, irregular.

← EW Seam, 20mm (SC), dips 5°

Hole terminated @ required depth of 10.00m in sandstone.

PARTMENT OF MINES

Ref No: 14713

EERING LOG – BOREHOLE

35 333

borehole no. 1
sheet 1 of 2

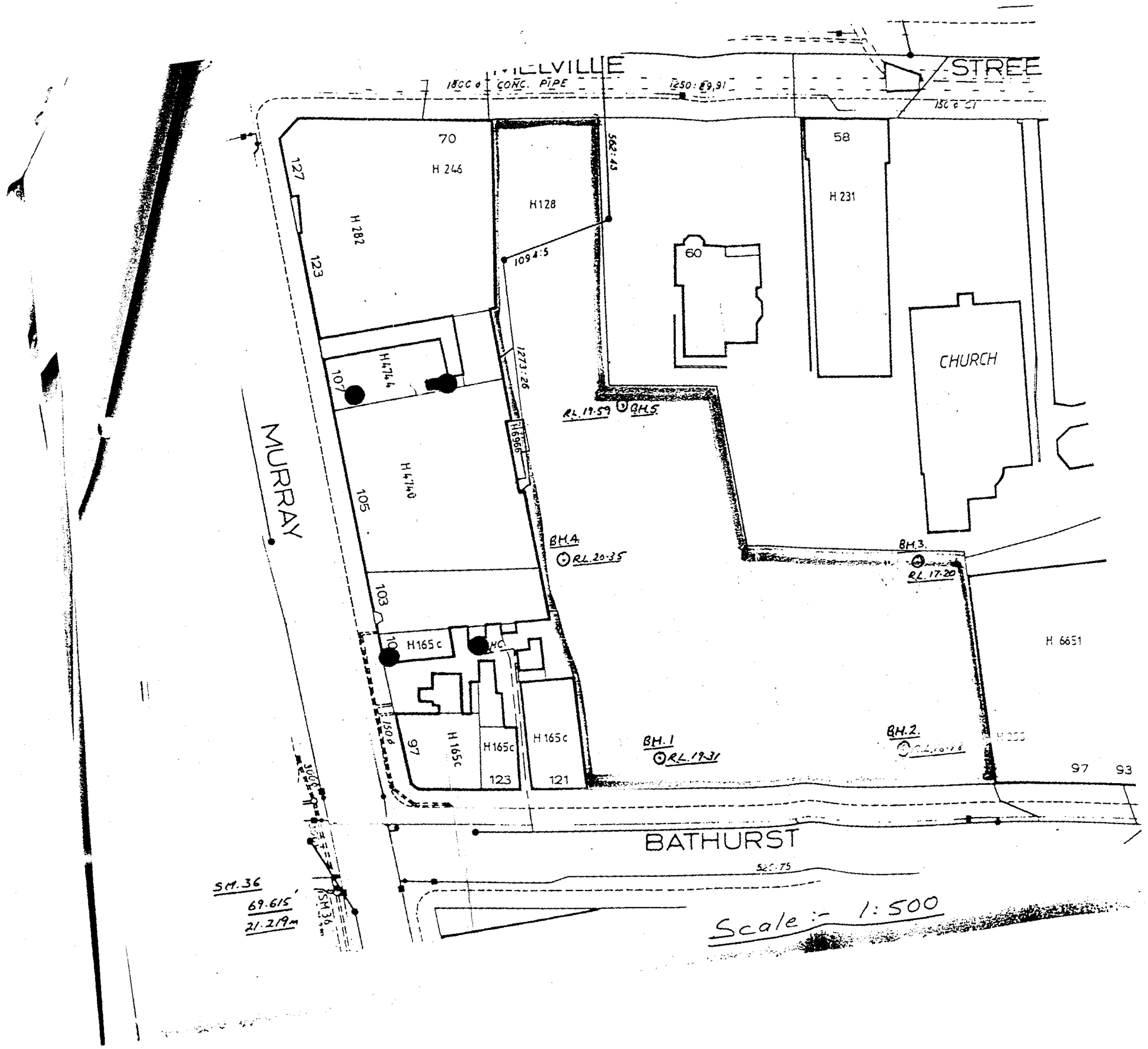
H.C.C. CARPARK REDEVELOPMENT location BATHURST ST, HOBART.

ordinates REFER PLAN
R.L 19.31 m
inclination VERTICAL
bearing

drill type GEMCO 210D
drill method AUGER
drill fluid

hole commenced 29 SEPT '87
hole completed 30 SEPT '87
drilled by G. BAKER (MINES)
logged by R. DONALDSON

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
							GC	Clayey GRAVEL: fine-medium, blue grey and brown, clay of high plasticity.	M	MD		Asphalt and sub-base.
					1		CH	Sandy CLAY: high plasticity, brown + yellow-brown, sand fine-coarse, some fine gravel, trace medium-coarse gravel	M > PL	St VSt		Alluvial Deposits (Tertiary?)
			6 17 45 N* > 60					Similar to above, green grey and yellow brown. Material consists of decomposed dolerite, mudstone and 'baked' sandstone rock fragments	M < PL	VSt		
					2		SC	Clayey SAND: fine, yellow brown and off white, clay of medium-high plasticity, some fine gravel (sandstone chips)	D	MD D		Extremely to Highly weathered Sandstone
			12 15 12 N* 27									
					3			Continued on Cored Borehole log-sheet 2				


MELVILLE
STREET
1800 ø CONC. PIPE
1250:89.91
150 ø CI
70
H 246
127
H 282
123
H128
562:43
1094:5
58
H 231
60
CHURCH
H4744
107
1273:26
H6969
RL.19.59
BH.5
MURRAY
H4740
105
BH.4
RL.20.35
BH.3.
RL.17.20
103
H165c
101
WC
H 6651
150 ø
97
H 165c
H165c
H 165c
123
121
BH.1
RL.19.31
BH.2.
97
93
BATHURST
SM.36
69.615'
21.219m
SM.36
Scale :- 1:500