

borehole no:
B90-25
sheet 1 of 1

engineering log — cored borehole

J1494

File No. 02-0346

BASS HWY. DUPLICATION
 project: VICTORIA BRIDGE - DEVONPORT ^{246735E}
 borehole location: 16.5m Upstream and 22m W of Abutment (existing) ^{437906N}
 hole commenced: 31/5/90
 hole completed: 31/5/90
 supervised by: NDJ
 log checked by: JGG

drill model and mounting: GEMCO 2TD D slope: Vert. deg.
 barrel type and length: NGTT 2.45m fluid H₂O bearing: deg.
 R. L. surface: 4.17 m
 datum: State Driller G. Baker

drilling information			rock substance			rock mass defects			
method	case-lift	water	R.L. depth metres	graphic log core loss	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength Is (50)	detect spacing mm	defect description thickness, type, inclination, planarity, roughness, coating. particular general
			4.0	1-1	Boulder; dolerite, SW				old embankment fill
	N* > 60		2.0	3900	GRAVEL; coarse, mixed, clayey; med. P.I.				
	N* = 8		0.0	8.0	CLAY; sandy, gravelly, mottled orange-blue				decomposed dolerite in situ?
			6.0						160 - 260 kPa hand penetrometer resistance
			8.0	1-1	DOLERITE; med. grained, blue				
			10.0	1-1	; grey				striated flow joints
			12.0	1-1	; blue				
			14.0	1-1	; brown				sub-vertical joint with FeOx.
			14.25	1-1	; blue				highly fractured zone some slickensiding
			14.25	1-1	; brown				45° dip joints highly fractured zone (fault?) slickensided
			14.25		End of hole at 14.25m				

key method AS auger screwing AD auger drilling R rotifer/tricone W washbore NMLC NMLC core drilling	case-lift casing used H barrel withdrawn water 10 Oct, 73 water level date shown water inflow partial drilling water loss complete drilling water loss	graphic log/core loss } core recovered (hatching indicates material) } no core recovered	weathering Fr - fresh SW - slightly weathered MW - moderately weathered HW - highly weathered EW - extremely weathered	strength (indirect tensile strength) EL - extremely low VL - very low L - low M - medium H - high VH - very high EH - extremely high
---	--	---	--	---