

engineering log - borehole

11494

file: 02.0346

BASS HWY. - DUPLICATION
 project: VICTORIA BRIDGE - DEVONPORT ^{246937E} _{43785BN}
 borehole location: 26m L of & and parallel to existing E abutment
 hole commenced: 7/3/90
 hole completed: 7/3/90
 supervised by: JR
 log checked by: JGG

drill model and mounting: GEMCO 210 D slope: Vert. deg. R.L. surface: 4.71 m
 hole diameter: 100 mm bearing: deg. datum: Smaur operator: G. Baker

method	penetration	support	water	notes samples, tests, etc.	R.L. depth metres	graphic log	classification symbol	material soil type: plasticity or particle characteristics, colour, secondary and minor components.	moisture condition	consistency, rel. density	hand penetrometer	structure and additional observations
AS					1.0			FINE GRAVELS; old pavement				old bridge approach
					1.0		GW	FILL; clayey, sandy, gravel				old abutment fill
				N* = 13 5, 7, 6	2.0		GW	GRAVEL; sandy, sl. clayey	M	L- MD		old abutment fill gravel with dolerite and river-washed materials SPT cutter damaged highly variable relative density index
				N* = 33 3, 3, 3	3.0							
				N* = 52 11, 21, 31	4.0			CLAY; highly plastic, with some texture				(grab sample) possibly in situ EW dolerite
					5.0							
								continued on cored borehole sheet				

key method AS auger screwing* AD auger drilling R roller/tricone W washbore CT cable tool * bit shown by suffix: B - blank bit V - "V" bit T - TC bit e.g. ADT	support C casing M mud penetration 1 2 3 no resistance ranging to refusal water 10 Oct, 73 water level on date shown water inflow water outflow	notes - samples and tests U50 - undisturbed sample 50 mm diameter D - disturbed sample N - standard penetration test figure = result N* - SPT + sample Nc - cone penetrometer	classification symbols and soil description based on unified classification system moisture D - dry M - moist W - wet	consistency/relative density VS - very soft S - soft F - firm St - stiff VSt - very stiff H - hard Fb - friable VL - very loose L - loose MD - moderately dense D - dense VD - very dense
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VICTORIA BRIDGE DEVONPORT 5.00^m - 9.95^m BOX 1 BH90-10 7/3/90

5.00^m

5.30

CORE LOSS

LOSS

6.55

6.55

7.20

LOSS

8.45

8.45

9.95

S.P.

VICTORIA BRIDGE DEVONPORT 9.95^m - 11.40^m BOX 2 BH90-10 7/3/90 END

9.95

S.P.

11.40

11.40

SPACER

VICTORIA - BRIDGE DEVONPORT BH 90-10

9.95 - 11.40 END

BOX 2



7/3/90

BH90-10