

borehole no:
BH 92-9
sheet 1 of 1

engineering log — cored borehole

File No. 04.001

project: **CHANNEL HIGHWAY**
TARCONA INCLINOMETERS
borehole location: **INCLINOMETER SITE I92-1A**

hole commenced: **6/4/92**
hole completed: **6/14/92**
supervised by: **I BOOTH**
log checked by: **HKTam**

drill model and mounting: **GEMCO 210D** slope: **VERT** deg.
barrel type and length: **HQ ~ HQ** fluid MUD bearing: deg.

R. L. surface: **m**
datum: **STATE** Driller **G. BAKER**

drilling information			rock substance			rock mass defects		
method	case-lift	water	depth m: metres	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength Is (50)	defect spacing mm	defect description thickness, type, inclination, planarity, roughness, coating. particular general
AS			2.0	GRAVEL: Mixed, fine, sandy, Grey. SAND: FINE, med, brown GRAVEL: Mixed, fine, clayey				
H			4.0	GRAVEL: clayey sandy, brown, doleritic CLAY: med plast, gravelly, coarse block, doleritic				
			6.0	CLAY: med plast, silty, gravelly, brown : gravelly (coarse).				granular appearance.
			8.0	GRAVEL: DOL/QUARTZITE, coarse clayey CLAY: high plast, grey & fine gravel.	EW			
			10.0					
			12.0	DOLORITE, COARSE GRAINED, blue.	Fr -SW			
			14.0	CLAY: granular texture, silty, green & dol COBBLES	EW			downting @ 30-45°
			16.0	: silty. Black green	EW			highly polished joint @ 15.5°
			18.0	END BH 92-9 @ 15.6m				

key method AS auger screwing AD auger drilling R roller/tricone W washbore NMLC NMLC core drilling	case-lift casing used H barrel withdrawn water 10 Oct, 73 water level date shown water inflow partial drilling water loss complete drilling water loss	graphic log/core loss } core recovered (hatching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
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