DEPARTMENT OF PUBLIC WORKS (TAS.)
MATERIALS AND RESEARCH DIVISION

M & R F8

borehole no: BH 92-10

sheet 1 of 1

engineering log — cored borehole

File No. 04.001

project: CHANNEL HIGHWAY — TAROONA INCLINOMETER
borehole location: INCLINOMETER SITE I92-13

hole commenced: 7/4/92
hole completed: 7/4/92
supervised by: I BOOTH
log checked by: HK Team

drill model and mounting: GEMCO 210 D
barrel type and length: NQTT 2.65
slope: VERT deg.
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 metres	graphic log / core loss	substance description (rock type: grain characteristics, colour, structure, minor components.)	weathering	strength Is(50) EL VL L M H VH EH	defect spacing mm 30 100 300 1000 >3000	defect description (thickness, type, inclination, planarity, roughness, coating.) particular	general
HQ			0.0		CONCRETE : existing footpath					
					GRAVEL : FCR / MUDSTONE, SANDY					
			2.0		DOLERITE : COARSE GRAINED, blue	SW				
					CLAY : low plast, sandy & layers fine quartz gravel				& kernels ew dol?	
			4.0		: low plast, green, blocky structure,					
			6.0		MUDSTONE : BROWN				highly polished slip surface @ 45°.	
					DOLERITE : BROWN HW	HW				
			8.0		MUDSTONE : dark black, with slickensided surfaces				band low plast clay brown	
					CLAY : granular texture, green EW dolerite	EW				
					MUDSTONE, BLACK, brown & carbonaceous matter present coal like material				NUMEROUS highly polished slip surfaces 45-55°	
			10.0		END BH 92-10 @ 9.95m.					
			12.0							
			14.0							
			16.0							

key

method
AS auger screwing
AD auger drilling
R roller/tricone
W washbore
NMLC NMLC core drilling

case-lift
casing used
barrel withdrawn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

M 1386