ARUP Geotechnics

CORED BOREHOLE RECORD

BH-4 HOLE — SHEET 1 OF 2

PROJECT: BURNSIDE ROAD INTERCHANGE

LOCATION: See Figure

GROUND LEVEL

CONTRACTOR: S & S McNae — ANGLE: 90

DRILL MODEL: Hydrapower Scout — BEARING: --

MOUNTING: Truck — SIZE: 100

LOGGED BY: DMS/PFW

DATE/S: 20.3.89

DRILLING			STRATA			MATERIAL DESCRIPTION			DISCONTINUITIES				
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L. AHD	DEPTH m	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH EL VL L M H VH EH	FREQUENCY (per m) 30 10 3 1	SPECIFIC TYPE	SPECIFIC ANGLE	SPECIFIC THICKNESS (mm)	GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill
						Clayey SAND: yellow & light brown, low plasticity, sand fine							TOPSOIL
		N19, 5/80 mm SPT refusal		1		Interbedded SANDSTONE, fine to medium, SILTSTONE, CLAYSTONE, poorly developed thin bedding, contains thin beds & thick laminations of carbonaceous shale, and thin beds of TUFFACEOUS SANDSTONE	HW/MW			We	5	20	ROCK Defects mostly joints at 5-45°, planar, rough clay coating
				2						We	5	20	
										We	5	20	
				3			MW			We	5	20	
				4		No Core							
				5		Tuffaceous Sandstone: brown	HW / EW			We	5	50	
						No Core							
				6		Tuffaceous Sandstone: brown	EW						Core is very broken due to drilling
				7		No Core							
						SILTSTONE & SANDSTONE	EW/HW						
				8									

NOTES

1. 7.45 am Commence augering
2. 8.15 am Coring at 1.00 m
3. 5.00 pm Completed coring at 10.75 m

TYPE OF DISCONTINUITY

Jo-JOINT
Be-BEDDING PLANE PARTING
Fo-FOLIATION PARTING
Cl-CLAY SEAM
We-WEATHERED SEAM
Cr-CRUSHED SEAM
Sh-SHEARED ZONE

FIGURE

JOB 5387

ARUP Geotechnics

CORED BOREHOLE RECORD

BH-4 HOLE — SHEET 2 OF 2

PROJECT: BURNSIDE ROAD INTERCHANGE

LOCATION: See Figure 2

GROUND LEVEL

CONTRACTOR	S & S Mc Nae	ANGLE	90
DRILL MODEL	Hydrapower Scout	BEARING	
MOUNTING	Truck	SIZE	100

LOGGED BY: DMS/PFW

DATE/S: 20/3/89

DRILLING			STRATA			MATERIAL DESCRIPTION			DISCONTINUITIES				
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L. AHD	DEPTH m	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH EL VL L M H VH EH	FREQUENCY (per m) 30 10 3 1	SPECIFIC TYPE	SPECIFIC ANGLE	SPECIFIC THICKNESS (mm)	GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill
				8		SILTSTONE & TUFFACEOUS SANDSTONE: grey and brown,	HW						As above
				9			MW/ SW						
				10									
				10.78									
				11									
				12									
				13									
				14									
				15									
				16									

NOTES

TYPE OF DISCONTINUITY
Jo-JOINT
Be-BEDDING PLANE PARTING
Fo-FOLIATION PARTING
Cl-CLAY SEAM
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FIGURE

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