ARUP Geotechnics

CORED BOREHOLE RECORD

BH-1 HOLE — SHEET 1 OF 2

PROJECT: BURNSIDE ROAD INTERCHANGE

LOCATION: See Figure 2

GROUND LEVEL

CONTRACTOR	S & S McNae	ANGLE	90
DRILL MODEL	Hydrapower Scout	BEARING	--
MOUNTING	Truck	SIZE	100

LOGGED BY: DMS/PFW

DATE/S: 14.3.89

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
				0		Silty CLAY: brown, low plasticity							TOPSOIL
		N 25/10mm SPT Refusal		0.95									
				1		Interbedded SILTSTONE & TUFFACEOUS SANDSTONE, light grey & brown, poorly developed bedding	HW			We	0	50	ROCK Defects mostly joints & lamination partings at 30 - 40°
										We	0	50	
				2			EW			We	0	100	
										We	0	100	
							HW						
				3									
										We	0	100	
						CORE LOSS 400 mm							
				4			HW/ MW			We	0	50	
				5						Jo	70	5	
							MW			We	0	20	
				6									
				7						Jo	70	0	
				8									

NOTES

1. 8.00 am Arrive on site set up in position
2. 8.35 am Commence augering
3. 9.15 am Commence coring at 0.95 m
4. 3.40 pm Complete coring at 9.14 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-1 HOLE — SHEET 2 OF 2

PROJECT: BURNSIDE ROAD INTERCHANGE

LOCATION: See Figure 2
GROUND LEVEL

CONTRACTOR: S & S McNae — ANGLE: 90
DRILL MODEL: Hydrapower Scout — BEARING: --
MOUNTING: Truck — SIZE: 100

LOGGED BY: DMS/PFW
DATE/S:

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		TUFFACEOUS SANDSTONE: grey	MW	M	10	Jo	70	5	Defect mostly joints at 30° & 60° planar, rough
				9									
				9.14									
				10									
				11									
				12									

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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