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ARUP

Geotechnics

CORED BOREHOLE RECORD

BH-1
SHEET 1

HOLE

 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.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH										SPECIFIC			GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill				
			AHD	m				EL	VL	LM	HM	EH	30	10	3	1	FREQUENCY (per m)	TYPE	ANGLE	THICKNESS (mm)					
				0		Silty CLAY: brown, low plasticity																			TOPSOIL
		N 25/10mm SPT Refusal		0.95		Interbedded SILTSTONE & TUFFACEOUS SANDSTONE, light grey & brown, poorly developed bedding	HW															We	0	50	ROCK Defects mostly joints & lamination partings at 30 - 40°
				2			EW															We	0	50	
				3			HW															We	0	100	
				4																		We	0	100	
						CORE LOSS 400 mm																			
				4			HW/MW															We	0	50	
				5																		Jo	70	5	
				6			MW															We	0	20	
				7																		Jo	70	0	
				8																					

NOTES

- 8.00 am Arrive on site set up in position
- 8.35 am Commence augering
- 9.15 am Commence coring at 0.95 m
- 3.40 pm Complete coring at 9.14 m

TYPE OF DISCONTINUITY

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

FIGURE
JOB
5387

CORED BOREHOLE RECORD

BH-1

SHEET **2**

HOLE

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.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH						10 FREQUENCY (per m)	SPECIFIC			GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill				
			AHD	m				EL	VL	LM	HM	VH	EH		30	10	3		1	TYPE	ANGLE	THICKNESS (mm)
				8		TUFFACEOUS SANDSTONE: grey	MW											Jo	70	5	Defect mostly joints at 30° & 60° planar, rough	
				9 9.14																		
				10																		
				11																		
				12																		

NOTES	TYPE OF DISCONTINUITY	FIGURE	JOB
	Jo-JOINT Be-BEDDING PLANE PARTING Fo-FOLIATION PARTING Ci-CLAY SEAM We-WEATHERED SEAM Cr-CRUSHED SEAM Sh-SHEARED ZONE		
			5387

