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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT SOUTH IPSWICH BYPASS - STAGE II HOLE No 20
 REF. H 3769
 LOCATION Chainage 37000m... 15m right of centreline DATUM State +0.1
 JOB No 144/17B/201 PROJECT No 2-54 DATE 10, 11/3/75 SURFACE 47.82
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering					Intact Strength	Defect Spacing
			47.82				
		0.15	46.62				
CLAY Yellow ironstained grey moist, firm, slightly organic.		0.61	47.21				
DECOMPOSED Light grey, horizontally laminated, moist, stiff, clay.		1.68	46.14				
HIGHLY WEATHERED Jointing sub-horizontal to low angled and coated with clay and yellow iron oxides.							
SHALE Light-dark grey, fine grained, subhorizontally bedded sedimentary rock.					Fine grained decomposed sandstone band.		
					Fine grained decomposed sandstone band.		
					Decomposed shale band.		
					Decomposed shale band.		
					Moderately weathered sandstone band.		
					Decomposed band of Carbonaceous sandy clay.		
					Grey, fine grained sandstone band with carbonaceous inter-laminae.		
		9.48	38.34				

REMARKS: x Intact Strength Test GEOLOGIST
 ENGINEER
 APPROVED
 DATE

Decomposed
 Highly Weathered
 Moderately Weathered
 Slightly Weathered
 Core Loss

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT SOUTH IPSWICH BYPASS - STAGE II HOLE No 20 (cont.)
 REF. H 3766
 LOCATION DATUM
 GROUND
 JOB No PROJECT No DATE SURFACE
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering			1:50			Intact Strength	Defect Spacing
<u>HIGHLY WEATHERED (CONT.)</u>				37.82				
		10.82	95	37.48		Coal seam.		
SHALE (CONT.)	<u>MODERATELY WEATHERED</u> Joints sub-horizontal and coated with clay.		100					
			100		4/7/75			
		12.64		35.02	27/3/75			
	<u>HIGHLY WEATHERED</u>		40					
			50					
			100			Fine to medium grained sandstone band.		
		15.51	100	32.31				
END OF HOLE								

REMARKS: x Intact Strength Tests GEOLOGIST *C. Miller*
 ENGINEER *ABND*
 APPROVED *[Signature]*
 DATE 27/7/75

