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MAIN ROADS DEPARTMENT

ENGINEERING BORE LOG



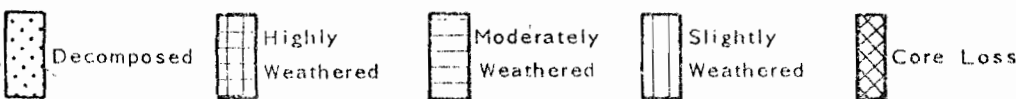
Form 23ZL(d)
(P) /10/74

PROJECT SOUTH IPSWICH BYPASS - STAGE II HOLE No 15
 LOCATION Chainage 33025m, 20m right of centreline. REF. H 3761
 JOB No 144/17B/201 PROJECT No 2-54 DATE 26-28/2/75 SURFACE 83.25
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION Soil Type Lithology	Weathering	Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
				1:50			Intact Strength	Defect Spacing
<u>SILTY CLAY</u> Reddish-orange, moist, stiff, slightly organic.		0.98	57	82.27				
<u>DECOMPOSED</u> Grey, moist, stiff clay.		1.44	62	81.81				
<u>SANDSTONE</u> Light grey to brown, fine grained horizontally bedded sedimentary rock.	<u>HIGHLY WEATHERED</u> Jointing multi-directional and coated with clay and yellow iron oxide.		75					
			97					
			100					
			100					
		4.69		78.56				
<u>MODERATELY WEATHERED</u> Jointing at low angle and fresh			100			Light brown-orange, massive fine grained sandstone band.		
			100					
		6.86		76.39				
<u>HIGHLY WEATHERED</u>			100			Light grey shaley seams.		
			100			Light grey shaley seams.		
		8.32		74.93		6/3/75		
		9.24		74.01		7/3/75		
		9.78		73.47		27/3/75		

REMARKS: * Water Level at RL 75.17 on 4/3/75
 x Intact Strength Test

GEOLOGIST
 ENGINEER
 APPROVED
 DATE



MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT SOUTH IPSWICH BYPASS - STAGE II HOLE No 15 (cont.)
 LOCATION REF. H 3761
 DATUM
 GROUND
 SURFACE
 JOB No PROJECT No DATE
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering			1:50		Intact Strength	Defect Spacing
HIGHLY WEATHERED (CONT.)				73.25			
		10.79	100	72.46	4/7/75		
SHALE Light grey, very fine grained, horizontally bedded sedimentary rock.	MODERATELY WEATHERED Fresh horizontal joints.	12.19	100	71.06			
END OF HOLE							

REMARKS: x Intact Strength Test GEOLOGIST *Smiles*
 ENGINEER *B. J. J.*
 APPROVED *[Signature]*
 DATE 27/11/75

