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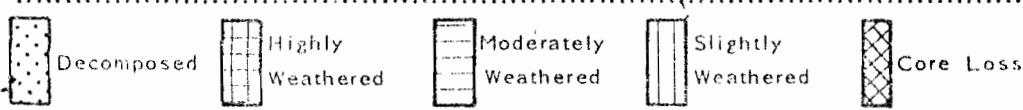
MAIN ROADS DEPARTMENT

ENGINEERING BORE LOG

PROJECT SOUTH IPSWICH BYPASS : STAGE II HOLE No 19
 REF. H 3785
 LOCATION Chainage 35150m, 20m left of centreline DATUM State +0.12
 GROUND
 JOB No 144/17B/201 PROJECT No 2-54 DATE 4.5/3/75 SURFACE 66.07
 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
				66.07				
CLAYEY SAND AND GRAVEL Brown, medium grained, moist, dense sand with gravel to 8mm.		0.66	35	65.41		Highly weathered, ironstained sandstone bands.		
DECOMPOSED Moist, stiff, silty clay.		1.88	80	64.19				
SHALE Brown ironstained grey, very fine grained horizontally bedded sedimentary rock.	HIGHLY WEATHERED Jointing high angle and coated with clay throughout.		65					
			90					
			85			Carbonaceous, medium grained sandstone bands interbedded with silty layers.		
			100					
			100					
		5.56	100	60.51		Grey, decomposed shale		
MODERATELY WEATHERED			93					
			100					
SANDSTONE Brown, coarse grained sedimentary rock.	MODERATELY WEATHERED	7.72	100	58.35				
	HIGHLY WEATHERED	8.38	100	57.69				
SHALE Grey, very fine grained sedimentary rock.	MODERATELY WEATHERED	9.08	100	56.99				
			100					

REMARKS: x Intact Strength Test GEOLOGIST C
** c=0kPa, φ=12°, c'=21kPa, φ'=18° ENGINEER
 APPROVED
 DATE



MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT .. SOUTH ILSWICH BYPASS - STAGE II HOLE No. 19 (cont.)
 REF. H 3765
 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.	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering			1:50		Intact Strength	Defect Spacing
<u>MODERATELY WEATHERED (CONT.)</u>			100	56.07			
<u>MODERATELY WEATHERED</u> Joints high angled and coated with clay and iron oxide.		11.43	87	54.64	7/3/75		
		11.58	93	54.49			
<u>SANDSTONE</u> Brown coarse grained horizontally bedded sedimentary rock.		13.17	100	52.90	10/3/75		
			100				
		14.30	100	51.77	4/7/75 27/3/75		
		15.24	100	50.83			
END OF HOLE							

REMARKS: x Intact Strength Test GEOLOGIST
 ENGINEER
 APPROVED
 DATE 27/4/75

Decomposed
 Highly Weathered
 Moderately Weathered
 Slightly Weathered
 Core Loss