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MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

Form 23Z1(c)  
(P) 7/10/74

PROJECT SOUTH IPSWICH BYPASS - STAGE II ..... HOLE No. 24  
 REF. H. 3770  
 LOCATION Chainage 37640m on centreline. .... DATUM State +0.12  
 GROUND  
 JOB No. 144/17B/201 ..... PROJECT No. 2-54 ..... DATE 12. 13/3/75 ..... SURFACE 26.10  
 TYPE OF DRILLING: Solid Augering  50mm Hollow Augering  Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Log	ENGINEERING PROPERTIES	
Soil Type Lithology	Weathering			1:50		Parameters & Indices	MC(%)x 15 x 25 1.0 0.1 0.3 0.6 0.2
FILL Black, soft, highly weathered coal fragments to 50mm.		0.87		26.10		c=56kPa $\phi=5^{\circ}$	x o
SANDY CLAY Light brown to grey, moist, very fine grained, slightly organic.		3.26				LL=63, PI=48, LS=17  LL=48, PI=31, LS=15 c=43kPa $\phi=5^{\circ}$	x o
DECOMPOSED Light grey, mottled red and yellow, stiff, moist, clay.						4/7/75 Low angle slickensiding. LL=83, PI=44, LS=18	x o
SHALE Dark grey, very fine grained, horizontally bedded sedimentary rock.		6.40	**	19.70			
HIGHLY WEATHERED Jointing subhorizontal and coated with iron oxide		7.92	90	18.18			
SANDSTONE Light grey, coarse grained horizontally bedded sedimentary rock	HIGHLY WEATHERED	9.45	71	16.65		Carbonaceous shale seam.	
END OF HOLE.							

REMARKS x Intact Strength Test  
 \*\* (MC=33.4%, DD=1.35t/m<sup>3</sup>)  
 (LL=72, PI=30, LS=15)

GEOLOGIST *G. Miller*  
 ENGINEER *J. B. D.*  
 APPROVED *[Signature]*  
 DATE *12/13/75*

38mm TUBE     76mm TUBE     S.P.T. TEST     WATER LEVEL

NOTE: For other symbols see Appendix 1  
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