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MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

Form 23ZL(a)  
(P) 1/4/72

PROJECT MARYBOROUGH RAILWAY UNDERPASS FOUNDATION HOLE No. 2  
INVESTIGATION DATUM State  
LOCATION See Plan ML 830A

JOB No. 24/10D/201 PROJECT No. CD1-108 REF. H. C-234 H. 2894  
TYPE OF DRILLING NX Casing NMLC Diamond DATE 23-24/5/73 WATER TABLE 89.0

Moisture Content (%) MCx-x-x Dry Density (P.C.F.) DD o-o-o		Soil Parameters	Field Sample	RL 1" = 5' 99.5	Graphic Log	Description of Strata
MC. 20 25 30 DD. 100 105 110						CLAY red and yellow ironstained mottled grey, stiff to very stiff, moist to saturated. silty in part. RL99.5-RL93 yellow ironstained mottled zone RL93-RL89 highly red ironstained zone RL89-RL84.0 red ironstained mottled zone
<p>Fracture Log</p>		$c^* = 575 \text{ psf}$ $\phi^* = 19^\circ$ $c^* = 725 \text{ psf}$ $\phi^* = 20^\circ$ $c^* = 300 \text{ psf}$ $\phi^* = 25^\circ$	A B C D E			CH LL=65 PI=44
		N>40	F	84.0		HIGHLY WEATHERED LATERITIZED SILTSTONE grey, soft to medium hard, fine grained, bedded, sedimentary rock bedding subhorizontal clayey alteration throughout breaks sub horizontal, along bedding, or sub vertical. RL84.0-RL77.5 red ironstained zone. RL77.5-RL76.5 conglomerate band. RL76.5-RL75.3 broken core RL72.5-RL71.5 white, hard massive band.
			Core Rec. 78%			
			62%			
			100%			
			100%			
			100%	69.0		
						END OF HOLE

REMARKS:

1 1/2" TUBE   
 3" TUBE   
 S.P.T. TEST   
 GEOLOGIST ..... ENGINEER *M. J. P.*  
 APPROVED *P. J. ...* DATE 21/1/74