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



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MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

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

PROJECT HOUGHTON HIGHWAY BRIDGE SITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 41  
 REF. H 4513  
 LOCATION Chainage 3250.3, 3.5 metres Right of structure centreline DATUM BCC  
 (Approx. location of PIER 82) GROUND  
 JOB No 140/122/201 PROJECT No 1 - 145 DATE 27.6.78 SURFACE -0.02  
 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	DD(t/m <sup>3</sup> )o
		0.00		-0.02		x	x	x
<u>SAND</u>								
Grey, fine grained, loose saturated.		A						
		B						
		C						
<u>SILTY SAND</u>		3.00		3.02				
Grey brown, fine grained, loose saturated. Minor clay component in part		D						
		E						
<u>SILTY CLAY</u>		5.00		5.02				
Dark grey, soft, saturated		F						
		G						
		H						
		J						
		K						
<u>CLAYEY SAND</u>		10.00		10.02				

REMARKS ..... GEOLOGIST .....  
 ..... ENGINEER .....  
 ..... APPROVED .....  
 ..... DATE .....  
 38mm TUBE  Wash Sample  S.P.T. TEST  WATER LEVEL

MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

(BBB) Form 232L(c)  
(P) /10/74

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION HOLE No 41 contd.  
INVESTIGATION REF. H  
LOCATION DATUM  
GROUND  
JOB No PROJECT No DATE SURFACE  
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
CLAYEY SAND (CONT)		10.00		-10.02			
Grey, loose, saturated fine grained, slightly silty.		L					
		M					
		N					
		P					
SANDSTONE Grey, massive, medium grained sedimentary rock. In part contains thin, fragmented interbeds of dark grey organic shale.	DECOMPOSED Yellow brown ironstained grey, dense, moist, clayey sand.	Q		-14.52	STRUCTURE	Intact Strength	Defect Spacing
	HIGHLY WEATHERED Heavy yellow-brown discoloration throughout	14.98	94				
	MODERATELY WEATHERED Light yellow-brown discoloration throughout	17.18		-17.20			
		17.78	91	-17.80			
END OF HOLE							

REMARKS ..... GEOLOGIST *[Signature]*  
ENGINEER .....  
APPROVED *[Signature]*  
DATE 5/11/78

38mm TUBE Wash Sample S.P.T. TEST WATER LEVEL

NOTE:- For other symbols see Appendix I.  
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