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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

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

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION HOLE No 32
INVESTIGATION REF. H 4501
 LOCATION Chainage 2232.0, 1.0 metres right of structure centreline, DATUM BCC
(Approx. location of Pier 45). GROUND SURFACE 0.57
 JOB No 140/122/201 PROJECT No 1-145 DATE 17-19/5/78
 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 ³) x
		0.00		0.57				
	<u>SAND</u> Fine grained, loose,	A						
		B						
		2.00		-1.43				
	<u>CLAYEY SAND</u> Very fine grained, loose.	C						
		D						
		4.00		-3.43				
	<u>SILTY CLAY</u> Dark grey, soft, organic.	E						
		F						
		6.00		-5.43				
	<u>CLAYEY SAND</u> Yellow brown ironstained grey, medium dense, saturated. Sand component is medium grained.	G						
		H						
		J						
		K						
		10.00						

REMARKS GEOLOGIST
 ENGINEER
 APPROVED

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

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 32(Cont.)
 LOCATION REF. H
 JOB No PROJECT No DATE GROUND SURFACE
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.		ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering			1:50	Graphic Log	Parameters & Indices	MC(%)x	DD(t/m ³)o
<u>CLAYEY SAND</u> <u>(CONT.)</u>		10.00		-9.43		x	x	x
	L							
			54					
			65					
	M							
	N							
	P							
	Q							
		18.00		-17.43				
<u>SAND</u> Fine to medium grained, loose to medium dense?	R							
	S							
		20.00						

REMARKS GEOLOGIST
 ENGINEER
 APPROVED
 DATE

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

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

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

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No. 32(Cont.)
 LOCATION REF. H
 JOB No PROJECT No DATE GROUND SURFACE
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	ENGINEERING PROPERTIES
Soil Type Lithology	Weathering			1:50	
<u>SAND (CONT.)</u>		20.00		-19.43	
S					
<u>SAND AND GRAVEL</u> Medium dense fine grained sand containing fine to medium gravel		21.00		-20.43	
U					
V					
W					
X					
<u>HIGHLY WEATHERED</u> Yellow brown discoloration throughout. Uniformly weathered to a very dense silty sand.		25.00	Core Recd	-24.43	STRUCTURE
<u>MODERATELY WEATHERED</u> Local intensification of weathering in the vicinity of decomposed seams, otherwise sound rock.		26.71	84	-26.14	
Numerous thin (< 5mm) sub-horizontal decomposed seams		27.80	93	-27.23	
<u>SLIGHTLY WEATHERED</u> Minor brown ironstaining along defects.		29.33	100	-28.76	
END OF HOLE					

REMARKS GEOLOGIST [Signature]
 ENGINEER
 APPROVED [Signature]
 DATE 5/1/78

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