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MAIN ROADS DEPARTMENT
ENGINEERING SORE LOG

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 33
 LOCATION Chainage 2368.5, 2.0 metres left of bridge centreline REF. H 4502
 (Approx. location of Pier 50). DATUM BCC
 JOB No 140/122/201 PROJECT No 1-145 DATE 22-23/5/78 GROUND SURFACE 0.45
 TYPE OF DRILLING: Solid Augering 50mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Scale	ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering			1:50		Parameters & Indices	MC(%) x	DD(t/m ³) x
SAND Fine grained, loose.		0.00		0.45				
ALUVIUM Fine to coarse grained, subhorizontally bedded, unconsolidated sediment. Strata boundaries above RL -25.40 are approximate only (+ 0.5m).		A						
		B						
		C						
SILTY CLAY Dark grey, soft, organic.		3.00		-2.5				
CLAYEY SAND Grey to brown, loose to medium dense. Predominately fine to medium grained with minor coarse grained beds.		D						
		E						
		5.00		-4.5				
		F						
		G						
		H						
		J						
		K						
		10.00						

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 33(Cont.)
 LOCATION REF. H
 JOB No PROJECT No DATE DATUM
 TYPE OF DRILLING: Solid Augering 50 mm Hollow Augering Casing NMLC Coring GROUND SURFACE

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)o
		10.00		-9.55		x	x	x
<u>CLAYEY SAND</u> <u>(CONT.)</u>		L						
		M						
		N						
		13.00		-12.55				
<u>CLAYEY SAND</u> <u>AND GRAVEL</u> Fine to medium grained, loose to medium dense, sand containing isolated fine gravel.		P						
		Q						
		R						
		16.00		-15.55				
<u>SILTY SAND</u> Brown, fine grained, loose to medium dense.		S						
		T						
		U						
		V						
		20.00						

REMARKS GEOLOGIST
 ENGINEER
 APPROVED
 DATE

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

NOTE:- For other symbols see Appendix 1.
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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG.

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

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 33(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. 1:50	ENGINEERING PROPERTIES
Soil Type Lithology	Weathering				
<u>SILTY SAND (CONT.)</u>		20.00		-19.55	
<u>ALUVIUM (CONT.)</u>		W			
		X			
<u>SAND AND GRAVEL</u> Fine to coarse grained medium dense? sand containing fine gravel.		22.00		-21.55	
		Y			
		23.50		-23.05	
<u>MODERATELY WEATHERED</u> Minor yellow brown discolouration in part. Generally sound except where rock cementation is incomplete.			Core Rec%		
<u>SANDSTONE</u> Grey, massive, medium grained, sedimentary rock. Bedding and defects are subhorizontally oriented.			100		
			81		Incompletely cemented zone. (very dense silty sand)
			100		Close spaced, numerous thin (<10mm), sub-horizontal decomposed seams
					Incompletely cemented zone. (very dense silty sand)
		30.15	100	-29.70	

REMARKS END OF HOLE GEOLOGIST [Signature]
 ENGINEER
 APPROVED [Signature]
 DATE 5/10/78

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

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