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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 37
 LOCATION Chainage 3051.5, on structure centreline REF. H 4506
(approx. Location of Pier 75) DATUM BCC
 JOB No 140/122/201 PROJECT No 1-145 DATE 7-8/6/78 GROUND SURFACE +0.04
 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) o
<u>SAND</u> Fine grained, loose.		0.00		0.04				
		A						
		B						
		C						
<u>CLAYEY SAND</u> Dark grey, fine grained, loose.		3.00		-2.96				
		D						
		E						
		F						
		G						
<u>SILTY CLAY</u> Dark grey, soft, organic.		7.00		-6.96				
		H						
		J						
		K						
		10.00						





ALLUVIUM
 Fine to coarse grained, subhorizontally bedded, unconsolidated sediment.
 Strata boundaries above RL -25.41 are approximate only (+ 0.5m).

REMARKS GEOLOGIST

..... ENGINEER

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..... DATE

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

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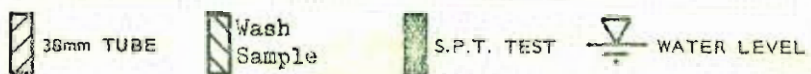
Form 23ZL(c)
(P) /10/74

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No 37(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.	Graphic Log	ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering			1:50		Parameters & Indices	MC(%) x	DD(t/m ³) o
<u>SILTY CLAY</u> <u>(CONT.)</u>		10.00		-9.96		x	x	x
	L							
	M							
		12.50		-12.46				
<u>SAND</u> Dark grey, fine to coarse grained. Loose to medium dense above RL -16.96 medium dense below.	N							
	P							
	Q							
	R							
	S							
	T							
	U							
	V							
		20.00		-19.96				

ALUEVIUM (CONT.)

REMARKS GEOLOGIST
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 DATE



NOTE: For other symbols see Appendix I
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(P) /10/74

PROJECT HOUGHTON HIGHWAY BRIDGESITE SUPPLEMENTARY FOUNDATION INVESTIGATION HOLE No. 37(Cont.)
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					Parameters & Indices	MC(%) x	DD(t/m ³) o
SAND (CONT.)		20.00		1:50 -19.96				
ALUVIUM (CONT.)		W						
		X						
		Y						
		Z						
CLAYEY SAND AND GRAVEL		24.00		-23.96				
Grey, medium dense, medium grained sand with coarse quartz gravel.		AA						
		AB						
		25.80		-25.76				
SANDSTONE								
Grey, massive, medium grained sedimentary rock. Above RL -28.03 contains numerous thin interbeds of dark grey, laminated, non-fissile, siltstone which have a low to moderate dip cross bedding.								
MODERATELY WEATHERED			84					
Differentially weathered due to the presence of siltstone interbeds.								
FRESH		28.07		-28.03				
			100					
		30.08		-30.02				
			100					
STRUCTURE						Intact Strength	Defect Spacing	
						CH	CH	

REMARKS END OF HOLE
GEOLOGIST
ENGINEER
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DATE 5/11/78

30mm TUBE Wash Sample S.P.T. TEST WATER LEVEL

NOTE: For other symbols see Appendix I
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