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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT SANDGATE ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 2

HOLE No. 8

LOCATION Pier 7, 6.9m right of southbound control
Chainage 15045.0

REF. No. H 6206

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-614 DATE 23/8/89

SURFACE R.L. 2.771

DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES				
	LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%) _x		DD (t/m ³) _□
1:50									
R.L.									
2.77									
1		FILL (CL/CH) Brown mottled grey, moist, medium to high plasticity clay, remoulded with sparse gravel and iron concretion fragments, very soft in consistency over except harder compacted surface layer.	A 1						
0.37									
(2.40)		CLAY (OH) Dark grey, very soft, wet, organic, medium to high plasticity, silty and minor fine grained sand component - alluvial.	B		MC=47.09 DD=1.18t/m ³ c=28kPa φ=1.5°				
3									
-1.23									
(4.00)		SAND AND GRAVEL (GP/SP) Brown to grey, very loose to loose, wet coarse grained sand and small gravel to 10mm, very minimal silt or clay content - alluvial.	C8		Layer of fine to medium grained sand				
4									
5									
-2.83									
(5.60)		MUDSTONE Pale olive green to dark greyish green, stiff to very stiff near surface becoming hard with depth, moist, fine grained, highly plastic, residual, SILTY CLAY (CH) representing a dipping, layered, sedimentary sequence of very low strength, clayey beds, generally massive and fissured in structure, sometimes blocky. Relict high angle jointing in strata at depth. Indications of low angle bedding in fissile shale strata.	D3		Red mottled soft at bedrock surface				
6									
7									
8									
9									
		(Cont.)	F16						
			G						

REMARKS Water Level not recorded - hole collapsed (8/9/89)

Drilling method - wash boring

GEOL.

ENGR.

S.P.T. Core Loss

WEATHERED CONDITION

Extremely Weathered
Highly Weathered

Moderately Weathered
Slightly Weathered

Water Level

NOTE
FOR TERMS AND SYMBOLS REFER
MRD FORM 23 AM (11/87)

MAIN ROADS DEPARTMENT

ENGINEERING BORE LOG

PROJECT SANDGATE ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 2

HOLE No. 8 (Cont.)

LOCATION

REF. No. H

DATUM

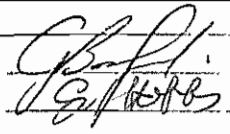
JOB No. PROJECT No. DATE



SURFACE R.L.

AUGERING CORE DRILLING CASING OTHER	DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES													
		LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%)x		DD (t/m ³)□									
								x □	x □	x □	x □								
	1:50																		
	R.L.																		
	-7.23																		
		MUDSTONE (Cont.)																	
				H32															
				J34															
				K34															
				L29															
	-13.73 (16.50)																		
		SHALE																	
		Pale greyish green, hard, moist, high plastic, residual SILTY CLAY (CH), relict rock structure well developed, low angle bedded sequence, very low rock strength.																	
				M 30 60															
				40* N150															
	-16.18 (18.95)																		
		END OF HOLE																	

REMARKS

GEOL.
ENGR.



 S.P.T.
  Core Loss
 WEATHERED CONDITION
  Extremely Weathered
  Moderately Weathered
  Water Level
 Highly Weathered
  Slightly Weathered
 1 mm
  Weathering

NOTE
FOR TERMS AND SYMBOLS REFER
MRD. FORM 23 AM (11/87)