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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT SANDGATE ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 2

HOLE No. 3

LOCATION Pier 2, 0.2m left of Southbound Control  
Chainage 14967.2

REF. No. H 6201

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-614 DATE 15/8/89

SURFACE R.L. 2.124

DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES															
	R.L.	LITHOLOGY			SOIL TYPE OR WEATHERING	PARAMETERS & INDICES		MC (%) x		DD (t/m <sup>3</sup> ) □										
	2.12							x □	x □	x □	x □									
1.62	(0.50)	FILL (GC) Gravelly clay fill material with asphalt surface.																		
1.02	(1.10)	CLAY (OH) Grey, very soft, wet, organic, highly plastic, very thinly banded with minor sand content - alluvial.		8/9/89																
-0.38	(2.50)	CLAYEY SAND (SC) Brown to grey, very loose, wet, coarse grained with sparse fine gravel to 10mm with clay to medium plasticity; possible intercollated silty/sandy clay bands - alluvial.																		
-2.68	(4.80)	SAND AND GRAVEL (GM/GC) Brown mottled grey, loose, wet, coarse grained sand and fine gravel, some fragments to 10mm with small proportion silt/clay fines, organic clay (CH) blebs throughout - alluvial.																		
-4.18	(6.30)	MUDSTONE Pale grey-green, firm near surface to very stiff and 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. Relict rock structure and jointing well developed at depth.																		

REMARKS Drilling method - wash boring. GEOL. ENGR.

S.P.T.   
 Core Loss   
 WEATHERED CONDITION   
 Extremely Weathered   
 Moderately Weathered   
 Water Level   
 Highly Weathered   
 Slightly Weathered   
 NOTE: FOR TERMS AND SYMBOLS REFER TO THE COVER PAGE.

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT SANDGATE ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 2

HOLE No. 3 (Cont.)

LOCATION \_\_\_\_\_

REF. No. H \_\_\_\_\_

DATUM \_\_\_\_\_

JOB No. \_\_\_\_\_ PROJECT No. \_\_\_\_\_ DATE \_\_\_\_\_

SURFACE R.L. \_\_\_\_\_

DEPTH (m)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES														
	R.L.	LITHOLOGY			SOIL TYPE OR WEATHERING	PARAMETERS & INDICES		MC (%) x		DD (t/m <sup>3</sup> ) □									
	-7.88							x □	x □	x □	x □								
		MUDSTONE (Cont..)	G54																
1																			
2			H 32 150		Dark blue/green clay shale bed														
3			J16																
4																			
5			K15		Fissile oil shale beds of 10-15° dip.														
6			L23																
7																			
8			M 30 100																
9																			
10	-17.13 (19.25)		N48																
		END OF HOLE																	

REMARKS \_\_\_\_\_

GEOL. *[Signature]*  
ENGR. *[Signature]*

S.P.T.   
 Core Loss   
 WEATHERED CONDITION: Extremely Weathered, Highly Weathered, Moderately Weathered, Slightly Weathered

NOTE: FOR TERMS AND SYMBOLS REFER TO ATTACHED COVER PAGE.