MAIN ROADS DEPARTMENT — ENGINEERING BORE LOG

FORM 23 ZL (c) -/9/80

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

HOLE No. 11

LOCATION Abutment B (approx.) - Co-ordinates 38404.4E 46728.4N

REF. No. H 6238

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-615 DATE 30/8/89

SURFACE R.L. 6.24

AUGERING / CORE DRILLING / CASING / OTHER

DEPTH (m)	1:50 R.L.	STRATA DESCRIPTION: LITHOLOGY / SOIL TYPE OR WEATHERING	FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES: PARAMETERS & INDICES	MC (%) x / DD (t/m³) □
	6.24					
1		FILL Brown, moist, sandy clay.	(USC)			
	4.54					
2		CLAY Brown to dark grey, red-brown iron oxide concentrations in part, firm to stiff alluvium. Sandy and gravelly in parts due to iron oxide concentrations. Nodular structure with peds to 2mm evident in parts.	A6 (CL)			
3			B (CH/CL)			
4			C13 (CH)			
5						
6			D (CH/SC)		c=216kPa ϕ=4.5°	MC 19.2 DD 1.76
	-0.16					
7		CLAYEY SAND Grey with red ironstaining, moderately dense medium grained alluvium. Very clayey in part. Minor quartz gravel to 10mm.	E25 (SC/CL)			
	-1.66					
8		SANDY CLAY Grey, firm alluvium. Sand fraction fine grained.	F6 (CL/CH)			
9						
	-3.16					
		SAND (See over)	G			

REMARKS

GEOL.

ENGR.

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

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

FORM 23 ZL (c)
-/9/80

MAIN ROADS DEPARTMENT — ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 3

HOLE No. 11 Cont.

LOCATION

REF. No. H

DATUM

JOB No. PROJECT No. DATE

SURFACE R.L.

AUGERING / CORE DRILLING / CASING / OTHER	DEPTH (m)	1:50 R.L. -3.76	STRATA DESCRIPTION: LITHOLOGY / SOIL TYPE OR WEATHERING	FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES: PARAMETERS & INDICES	MC (%) x / DD (t/m³) □
	11		SAND (Cont.) Pale grey to yellow grey to grey, moderately dense, fine to coarse grained alluvium. Clayey in part. Silty near base.	G (SP/SC)		Clayey c=64kPa φ=16°	MC 21.4 DD 1.72
	12			H17 (SP)			
	13	-7.66		J17 (SM)		Silty	
	14		GRAVEL Pale grey, medium dense, alluvium. Mainly quartz to 10mm. Silty and sandy near base. Isolated pockets of soft clay to 50mm near base.	K30 (GP)			
	15						
	16			L24 (GP)			
	17			M23 (SP)		Silty, sandy	
	18	-12.16					
	19		MUDSTONE Olive green to green blue to dark green grey, fine grained, poorly consolidated sedimentary rock. Ironstained along sub-horizontal defects.	N25			

REMARKS (see over)

GEOL.

ENGR.

S.P.T. | Core Loss | WEATHERED CONDITION | Extremely Weathered | Moderately Weathered | Water Level

NOTE
FOR TERMS AND SYMBOLS REFER

MAIN ROADS DEPARTMENT — ENGINEERING BORE LOG

FORM 23 ZL (c) -/9/80

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 3 of 3

HOLE No. 11 (Cont.)

LOCATION

REF. No. H

DATUM

JOB No. PROJECT No. DATE

SURFACE R.L.

AUGERING / CORE DRILLING / CASING / OTHER	DEPTH (m)	1:50 R.L.	STRATA DESCRIPTION: LITHOLOGY / SOIL TYPE OR WEATHERING	FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES: PARAMETERS & INDICES	MC (%) x / DD (t/m³) □
		-13.76	MUDSTONE (Cont.) Thin shaly interbeds in parts. Exhibits properties of a very stiff to hard fissured silty clay.	P 60/240			
	21						
	22			Q 40/100			
	23						
				R 45*/150			
	24						
	25	-18.81		S 38*/150			
			END OF HOLE				
	26						
	7						
	8						
	9						

REMARKS

GEOL. R deV

ENGR. S. HOBB

S.P.T. | Core Loss | WEATHERED CONDITION | Extremely Weathered | Moderately Weathered | Highly | Slightly | Water Level

NOTE: FOR TERMS AND SYMBOLS REFER MRD FORM attached cover.