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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 1 of 3

HOLE No. 2

LOCATION Abutment A - Co-ordinates 38393.7E, 46681.0N

REF. No. H 6235

DATUM AHD

JOB No. 140/U13C/201 PROJECT No. 1-615 DATE 4/9/89

SURFACE R.L. 6.69

ALGERING 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 <sup>3</sup> )□									
								x □	x □	x □	x □								
	1:50																		
	R.L.																		
	6.69																		
			<b>FILL</b> Brown to dark grey, moist moderately dense clayey gravel. Gravel size to 30mm, sandy in parts. Gravelly clay in part.	(USC)															
	1																		
	2	4.49		A (GC/ GM)															
			<b>CLAY</b> Grey to dark grey mottled brown in part, red brown iron oxide concentrations in part, moist, firm to stiff alluvium. Sandy in parts. Sand fraction fine grained.	B5 (CH)															
	3																		
	4			C (CL/ SC)		Sandy c 120kPa φ 4.5° Very sandy				MC 26.2	DD 1.54								
	5																		
	6			D8 (CH)															
	7	-0.31																	
			<b>SAND</b> Pale grey to grey, wet, moderately dense, fine to coarse grained alluvium. Clayey in parts. Gravelly in parts. Gravel to 15mm.	E (CH/ SP)															
	8																		
	9			F30 (SC)		Clayey													

REMARKS

GEOLOGICAL  
ENGINEERING

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

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 2 of 3

HOLE No. 2(Cont.)

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

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 <sup>3</sup> ) □			
						x □	x □	x □	x □				
	1:50 R.L. -3.31												
		SAND (Cont.)		G20 (SP)									
	11												
	12			H13 (SP)									
	13												
	-7.21			J19 (SP)									
	14	SANDY CLAY											
		Grey mottled yellow brown stiff to very stiff alluvium. Silty throughout. Sand fraction fine grained.		K15 (CL)									
	15												
	-8.71												
	16	CLAYEY SAND AND GRAVEL											
		Yellow brown, dense alluvium. Gravel to 25mm.		L47 (GC)									
	17												
	-10.71												
	18	MUDSTONE											
		Olive green to blue grey, fine grained poorly consolidated sedimentary rock. Black staining along occasional high angle joints.		M25									
	19												
		Exhibits properties of a very stiff to hard fissured silty clay.		N44									

REMARKS

GEOLOGICAL  
ENGINEER

S.P.T.	Core Loss	WEATHERED CONDITION	Extremely Weathered	Moderately Weathered	Water Level	<b>NOTE</b> FOR TERMS AND SYMBOLS REFER TO ATTACHED DRAWINGS
Highly Weathered	Slightly Weathered					

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT DEPOT ROAD BRIDGESITE FOUNDATION INVESTIGATION

Sheet 3 of 3

HOLE No. 2(Cont.)

LOCATION

REF. No. H

DATUM

SURFACE R.L.

JOB No. PROJECT No. DATE

AUGERING CORE DRILLING CASING OTHER	DEPTH (E)	STRATA DESCRIPTION		FIELD SAMPLE & N VALUE	GRAPHIC LOG	ENGINEERING PROPERTIES							
		LITHOLOGY	SOIL TYPE OR WEATHERING			PARAMETERS & INDICES		MC (%)x		DD (t/m <sup>3</sup> )□			
	1:50												
	R.L.												
	-13.31												
		MUDSTONE (Cont.)											
	21			P 47 150									
	22			Q 40 120									
	23												
	-17.12			60 R260									
	24	END OF HOLE											
	5												
	6												
	7												
	8												
	9												

REMARKS

GEOLOGIST: *R. de V.*  
ENGR.: *G. Hobb*

S.P.T.	Core Loss	<b>WEATHERED CONDITION</b>	Extremely Weathered	Moderately Weathered	Water Level	NOTE FOR TERMS AND SYMBOLS REFER MRD FORM 23 AM (1/87)
Highly	Slightly					