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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 73/79

Sheet 1 of 4

LOCATION Pier 13 Ch. 17644.5, 6.5m right of centreline  
N 35319.108 E 44901.303

HOLE No. B28

REF. H4976

DATUM AHD

JOB No 140/ESD/UBX2.1 PROJECT No. 1/154

DATE 2/12/80 SURFACE RL. 4.60

TYPE OF DRILLING Hollow Auger - Depth (m) - Casing 0.0 - 30.0 Depth (m) -  
MILC Coring 36.0 - 39.0 Depth (m) -

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( )	STRATA DESCRIPTION	
MC ( ) x	DD (1/m <sup>3</sup> ) 0	PARAMETERS & INDICES					SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0					
				▽		(4.60)		
					<1	2.1 (2.50)		
						3.4		
					<1	6.5		
					8	9.5		

REMARKS \*\* NO SAMPLE RECOVERED

GEOLOGICAL APPR. ENGR.

<input type="checkbox"/> SPT 50	<input checked="" type="checkbox"/> Core Loss	<input type="checkbox"/> WEATHERED CONDITION	<input checked="" type="checkbox"/> Extremely Weathered	<input type="checkbox"/> Moderately Weathered	<input type="checkbox"/> Water Level	<b>NOTE</b> FOR OTHER SYMBOLS SEE APPENDIX 4
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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATWAY BRIDGE

(P) 13/79

Sheet 2 of 4

HOLE No. B28 Con't

REF. H4976

DATUM AHD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/154

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m) [ ]

Depth (m)

Coring

Depth (m) [ ]

Depth (m)

Casing

Depth (m) [ ]

Depth (m)

Depth (m) [ ]

Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( ) 1:50 10.00 (-5.40)	STRATA DESCRIPTION	
MC ( ) x		DD (1/m <sup>3</sup> ) □					SOIL TYPE OR WEATHERING	LITHOLOGY
x □	x □	x □	x □					
PARAMETERS & INDICES								
					6	11		
					7	14		
					7	17		
					11	20		

REMARKS

GEOLOGICAL APPR. ENGR.

S.P.T. mm Core Loss

WEATHERED CONDITION

- Extremely Weathered
- Highly Weathered

Moderately Weathered Slightly Weathered

Water Level

NOTE FOR OTHER SYMBOLS SEE APPENDIX I



PROJECT GATEWAY BRIDGE

Sheet 3 of 4

LOCATION

HOLE No. B28 Con't

REF. H4976

DATUM AHD

JOB No.

PROJECT No. 1/454

DATE

SURFACE R.L.

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( ) 1:50 20.00	STRATA DESCRIPTION			
MC ( ) x		DD (1/m <sup>3</sup> ) 0					SOIL TYPE	LITHOLOGY	OR WEATHERING	
x 0	x 0	x 0	x 0							
PARAMETERS & INDICES										
						(15.40)				
					6	21				
					14	26				
					6	27				

REMARKS

GEOLOGICAL APPR.

ENGR.

S.P.T.  Core Loss

WEATHERED CONDITION

Extremely Weathered   
Highly

Moderately Weathered   
Slightly

Water Level

NOTE FOR OTHER SYMBOLS SEE APPENDIX 1



MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 13/79

Sheet 4 of 4

HOLE No. B28 Cont.

REF. B4976

DATUM AND

SURFACE R.L.

JOB No. PROJECT No. 1/154 DATE  
 TYPE Hollow Auger Depth (m) Casing Depth (m)  
 DRILLING Coring Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL (m)	STRATA DESCRIPTION	
IC ( ) x	DD (1/m <sup>3</sup> )	PARAMETERS & INDICES					SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0		**8	(-25.40)		
					23	30		
					30	30.5		
					** 30* 150	34.7		
ENGINEERING PROPERTIES						35.4		
Intact Strength		Defect Spacing		STRUCTURE		(-30.80)	MODERATELY WEATHERED	SHALE Very fine grained slightly fissile rock
VH H M L	VC C M W	VW EW			(0) 100		Grey, bedding dips 0-10°	
				Sandstone band			Defects dip subvertical and along bedding.	
				Extremely weathered band	(0) 75		Vertical Defect planes thinly watered with clay.	
				Thin coal seam	(0) 50	39.0	Bedding plane defects coated with carbonaceous matter	
REMARKS						(-34.40)	END OF HOLE	

GEOL. GE ENGR. MR APPR. *[Signature]*

S.P.T.   
  Core Loss   
 WEATHERED CONDITION   
 Extremely Weathered   
 Moderately Weathered   
 Water Level   
 NOTE FOR OTHER SYMBOLS SEE APPENDIX I