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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

Form 23 ZL (c)

PROJECT GATEWAY BRIDGE

(P) 13/79

Sheet 1 of 6

LOCATION Pier 10 Ch. 17434, 6.5m left of centreline
N 35140.188 E 45012.957

HOLE No. B21

REF. H4969

DATUM AHD

JOB No. 140/62D/DEC2.1 PROJECT No. 1/454

DATE 15/12/80 SURFACE R.L. 3.4

TYPE OF DRILLING: Hollow Auger, IMIC Coring
 Depth (m): [] IW Casing [0.0 - 42.0]
 Depth (m): [41.5 - 51.0] []

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ()	STRATA DESCRIPTION	
MC () x		DD (1/m ³) d					SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0					
						(3.40)		
				∇	3	1.90 (1.50)		
					< 1			
					5			

REMARKS

GEOL. APPR. ENGR.

SPT. 50
 Core Loss
 WEATHERED CONDITION
 Extremely Weathered
 Moderately Weathered
 Water Level
 NOTE FOR OTHER SYMBOLS

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

Sheet (P) 2 of 5 /3/79

HOLE No. B21 (cont.)

REF. 114969

DATUM AID

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE

TYPE OF DRILLING

Hollow Auger

-

Depth (m)

Coring

-

Depth (m)

Casing

-

Depth (m)

-

Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ()	STRATA DESCRIPTION	
MC () x	DD (t/m ³) 0	PARAMETERS & INDICES					SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0			1.50 10.00		
						-6.60		
					4			
					1			
					< 1			
					8			

REMARKS

GEOLOGICAL APPR.

ENGR.

SPT Core Loss WEATHERED CONDITION Extremely Weathered Moderately Weathered Slightly Weathered Water Level

NOTE FOR OTHER SYMBOLS

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

Form 23 ZL (c)

PROJECT GARDENY BRIDGE

(P) 13/79
Sheet 3 of 6

LOCATION

HOLE No. 321 (cont.)

REF. H4969

JOB No.

PROJECT No. 1/454

DATE

DATUM AHD

SURFACE R.L.

TYPE OF DRILLING
Hollow Auger Depth (m)
Coring Depth (m)

Casing Depth (m)
 Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL () 1:50 20.00 (-16.60)	STRATA DESCRIPTION	
MC () x		DD (1/m ³) □					SOIL TYPE OR WEATHERING	LITHOLOGY
x □	x □	x □	x □					
PARAMETERS & INDICES								
					12			
					11			
					32			

REMARKS

GEOL. APPR.

ENGR.

<input type="checkbox"/> S.P.T.	<input checked="" type="checkbox"/> Core Loss	WEATHERED CONDITION	<input type="checkbox"/> Extremely Weathered	<input type="checkbox"/> Moderately Weathered	<input type="checkbox"/> Slightly	Water Level	NOTE FOR OTHER SYMBOLS
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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

Form 23 21 (C)

PROJECT GATEWAY BRIDGE

(P) 13/79
Sheet 4 of 6

LOCATION

HOLE No. 221 (cont.)

REF. 114969

DATUM AND

SURFACE R.L.

JOB No.

PROJECT No. 1/454

DATE

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 30.00	STRATA DESCRIPTION		
MC () x		DD (1/m ³) 0					PARAMETERS & INDICES	SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0						
					12	(-26.60)			
					26				
					17				
					25/150				
					20/70				
					20/100				
					30/100				

REMARKS

GEOL. APPR.

ENGR.

<input type="checkbox"/> S.P.T.	<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	NOTE FOR OTHER SYMBOLS SEE APPENDIX 1
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LOCATION

JOB No.

PROJECT No. 1/15th

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.Q.D. ()%	Depth & R.L. ()	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
EH VH H M L J I K N O P Q R S T U V W X Y Z	VC VVC C M W VW TW						
				20 70	(-36.60)		
		Coal seams		(0) 60	41.3 (-37.90)	HIGHLY WEATHERED	SHALE AND COAL fine-grained interbedded shale, mudstone and coal seams.
		Coal seam		(0) 20		Dark grey to black clayey rock. Defects in coal along closely spaced horizontal and vertical cleat. Defects in shale, mudstone dip at 45°, clay coated.	
				(0) 32			
		Coal seam		(0) 40			
				(0) 93			
		Coal seam		(0) 46	47.0 (-43.60)	HIGHLY WEATHERED	MUDSTONE fine-grained massive rock.
				(0) 100		Grey clayey rock.	
				(0) 20	49.0 (-45.60)	MODERATELY WEATHERED	
		Extremely weathered band. Fragmented band.		(32) 100		Grey massive rock. Defects dip subhorizontal and at 60°. Defects fresh or thinly coated with clay.	

REMARKS

GEOL. APPR.

ENGR.

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

LOCATION

HOLE No. B21 Con't

REF. H4969

DATUM AHD

JOB No.

PROJECT No. 1/454

DATE

SURFACE R.L.

TYPE OF DRILLING

Hollow Auger

Depth (m) []

Depth (m)

Casing

Depth (m) []

Depth (m)

Coring

Depth (m) []

Depth (m)

Depth (m) []

Depth (m)

ENGINEERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC % R.Q.D. ()%	Depth & R.L. ()	STRATA DESCRIPTION	
Intact Strength	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
EH SVH I N J VL EC VC G Z W VW EW							
		Extremely weathered clayey band		(17)	(-46.60)	MODERATELY WEATHERED	MIDSTONE
		Numerous horizontal defects clay coated		100	51.0		
					(-47.60)	END OF HOLE	

REMARKS

GEOL. GR ENGR. NR

APPR. *[Signature]*

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