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PROJECT GATEWAY BRIDGE

(P) 13/79

Sheet 1 of 5

LOCATION Pier 12 Ch. 17576, 6.5m left of centreline
N 35255.792 E 44930.497

HOLE No. B25

REF. H4973

DATUM AHD

JOB No. 140/B6D/UEX2.1 PROJECT No. 1/154

DATE 13/1/81 SURFACE R.L. 4.90

TYPE OF DRILLING Hollow Auger Depth (m) 0.0 - 37.5
NMLC Coring Depth (m) 37.0 - 41.0

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & R.L. ()	STRATA DESCRIPTION			
PARAMETERS & INDICES							SOIL TYPE	LITHOLOGY	OR WEATHERING	
MC () x	DD (1/m ³) 0									
x 0	x 0	x 0	x 0			1.50				
						0.00				
						(4.90)				
						2.0				
						(2.90)				
					5					
					2					
					9					

REMARKS

GEOLOGICAL APPR.

ENGR.

S.P.T. 50
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 2 of 5

HOLE No. B25 (cont.)

REF. H4973

DATUM AHD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/154

DATE

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				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ()	STRATA DESCRIPTION	
MC () x		DD (t/m ³) 0					SOIL TYPE OR WEATHERING	LITHOLOGY
x 0	x 0	x 0	x 0					
PARAMETERS & INDICES								
						(-5.10)		
					3	11		
					1	13.4		
					5	14		
					4	15		
					10	17		
					18	19.7		

REMARKS

GEOLOGICAL APPR.

ENGR.

S.P.T. Core Loss
 50 mm Tube

WEATHERED CONDITION

Extremely Weathered
 Highly Weathered
 Slightly Weathered

Moderately Weathered
 Slightly Weathered

Water Level

NOTE FOR OTHER SYMBOLS SEE APPENDIX I

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 13/79

Sheet 3 of 5

HOLE No. B25 (cont.)

REF. H4973

DATUM AID

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE

TYPE OF DRILLING

Hollow Auger

Depth (m)

Casing

Depth (m)

Coring

Depth (m)

Depth (m)

ENGINEERING PROPERTIES

MC () x DD (1/m³) o
 x x x x
 o o o o

PARAMETERS & INDICES

GRAPHIC LOG

FIELD SAMPLE & N VALUE

Depth & R.L. ()
 1.50
 20.00

STRATA DESCRIPTION

SOIL TYPE LITHOLOGY OR WEATHERING

(-15.10)

12

21.5

11

23

1

26

6

29

REMARKS

GEOLOGICAL APPR.

ENGR.

S.P.T. Core Loss

WEATHERED CONDITION

Extremely Weathered Highly

Moderately Weathered Slightly

Water Level

NOTE FOR OTHER SYMBOLS

MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

FORM 20 22 (C)

(P) 13/79

Sheet 4 of 5

HOLE No. B25 (cont.)

REF. M973

DATUM AHD

SURFACE R.L.

LOCATION

JOB No.

PROJECT No. 1/454

DATE

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

MC () x DD (1/m³) D

PARAMETERS & INDICES

GRAPHIC LOG

FIELD SAMPLE & N VALUE

Depth & RL ()

STRATA DESCRIPTION

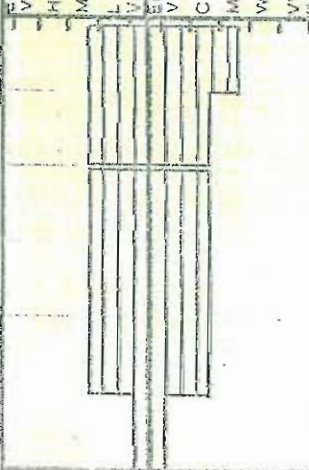
SOIL TYPE LITHOLOGY OR WEATHERING

16	32								
22	33.4								
13	35								
20	36								
20/80	36.1								

ENGINEERING PROPERTIES

Intact Strength Defect Spacing

STRUCTURE



Shear zone, closely spaced intersecting defects, clayey at base.

Crushed seam, firm gravelly clay, mudstone fragments to

Core Rec%

95

97

100

37.00

(-32.10)

SLIGHTLY WEATHERED Dark grey rock with thin sandy interbeds. Bedding dips 20°. Defects dip 45 to 60° and parallel to bedding. Bedding defects coated with carbonaceous matter. Other defects thinly coated with clay.

Thin bedded massive rock. MIDSTONE

REMARKS

GEOL. ENGR. APPR.

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

LOCATION

JOB No.

PROJECT No. 1/454

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												STRUCTURE	GRAPHIC LOG	CORE REC. % R.Q.D. ()%	Depth & R.L. () 1.50 40.00 (-35.10) 41.00 (-36.10)	STRATA DESCRIPTION			
Intact Strength						Defect Spacing										SOIL TYPE	LITHOLOGY		
EH	EH	FM	FM	J	V	LC	LC	CM	CM	W	VW					OR WEATHERING			
														Crushed seam.				SLIGHTLY WEATHERED (CONT.)	MUDSTONE (CONT.)
																		END OF HOLE	

REMARKS

GEOL. CE ENGR. BR

APPR. *[Signature]*

S.P.T. Core Loss
mm

WEATHERED CONDITION

Extremely Weathered
Highly

Moderately Weathered
Slightly

Water Level

NOTE FOR OTHER SYMBOLS SEE APPENDIX 1