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ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GARDENWAY BRIDGES

Sheet 1 of 6 (P) 13/79

LOCATION Pier 11, Ch. 17505, 6.5m left of centreline

HOLE No. 323

REF. H4971

B35197.990 B44971.727

DATUM AHD

No. 1/10/38D/REX.2.1 PROJECT No. 1/154

DATE 4/2/81

SURFACE R.L. 4.6

Hollow Auger  Depth (m)

HX Casing  0.0 - 9.0 Depth (m)

WING WILC Coring  42.2 - 57.0 Depth (m)

MW Casing  0.0 - 45.2 Depth (m)

ENGINEERING PROPERTIES			GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( )	STRATA DESCRIPTION	
DD (1/m <sup>2</sup> )	PARAMETERS & INDICES					SOIL TYPE OR WEATHERING	LITHOLOGY
0	0	0			(4.60)	No SPT or tube samples taken from RL 4.6 to RL -28.9.	
					3.00 (1.60)		

MARKS \*\* No sample recovered

GEOL. APPR. ENGR.

<input checked="" type="checkbox"/> Core Loss	<input type="checkbox"/> WEATHERED CONDITION	<input type="checkbox"/> Extremely Weathered	<input type="checkbox"/> Moderately Weathered	<input type="checkbox"/> Water Level	NOTE FOR OTHER SYMBOLS SEE APPENDIX
<input type="checkbox"/> mm	<input type="checkbox"/> Highly Weathered	<input type="checkbox"/> Slightly Weathered	<input type="checkbox"/> Stable	<input type="checkbox"/>	

ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 13/79  
Sheet 2 of 6

HOLE No. B23 (cont.)

REF. H4971

DATUM AHD

SURFACE R.L.

No. PROJECT No. 1/154 DATE

Hollow Auger [ ] Depth (m) Casing [ ] Depth (m)  
 Coring [ ] Depth (m)

ENGINEERING PROPERTIES			GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( ) 1:50 10.00 (-5.40)	STRATA DESCRIPTION	
x x 0	DD (1/m <sup>2</sup> ) x 0 0	PARAMETERS & INDICES				SOIL TYPE OR WEATHERING	LITHOLOGY

MARKS

[ ] Core Loss	WEATHERED	[ ] Extremely Weathered	[ ] Moderately Weathered	Water Level	NOTE FOR OTHER SYMBOLS
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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

Form 23 ZL (c) (P) 13/79

PROJECT CATWAY BRIDGE

Sheet 3 of 6

LOCATION

HOLE No. 823 (cont.)

REF. 14971

JOB No.

PROJECT No. 1/154

DATE

DATUM AID

SURFACE R.L.

TYPE OF DRILLING: Hollow Auger, Coring

Casing Depth (m)

ENGINEERING PROPERTIES				GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( ) 1:50 20.00 (-15.40)	STRATA DESCRIPTION	
C ( ) x x x x x 0 0 0 0		PARAMETERS & INDICES	SOIL TYPE OR WEATHERING				LITHOLOGY	

MARKS

GEOLOGICAL APPR. ENGR.

SPT  Core Loss WEATHERED  Extremely  Moderately  Water  NOTE

ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GATEWAY BRIDGE

(P) 13/79  
Sheet 4 of 6

HOLE No. B23 (cont.)

REF. 4971

DATUM AHD

SURFACE R.L.

No. PROJECT No. 1/454

DATE

Hollow Auger  Depth (m)

Casing  Depth (m)

Coring  Depth (m)

Depth (m)

ENGINEERING PROPERTIES			GRAPHIC LOG	FIELD SAMPLE & N VALUE	Depth & RL ( )	STRATA DESCRIPTION	
DD (1/m <sup>3</sup> )	PARAMETERS & INDICES					SOIL TYPE	LITHOLOGY OR WEATHERING
) x x x x 0 0 0					1:50 30.00 (-25.40)		
				33	26.7		
				50 150	26.2 26.2		
				50 25	27.6 27.7		

PKS

GEOL. APPR. ENGR.

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

ROADS DEPARTMENT ENGINEERING BORE LOG

FORM 432E (1977)

(P) 13/79

Sheet 5 of 6

HOLE No. B23 (cont.)

REF. H4971

DATUM AND SURFACE R.L.

PROJECT No. 1/454 DATE

Hollow Auger  Depth (m)

Casing  Depth (m)

Coring  Depth (m)

Depth (m)

CORING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC. % R.O.D. ( )%	Depth & R.L. ( ) 1-50 40.00	STRATA DESCRIPTION	
Depth (m)	Defect Spacing					SOIL TYPE OR WEATHERING	LITHOLOGY
L V C C	U M W V W C W						
				50 100	(-35.40)		
				** 89	42.2 (-37.60)		
				(0) 84		HIGHLY WEATHERED	Black carbonaceous rock containing carbonaceous shale bands to 50cm throughout.  OCAL
				(0) 100		Low strength clayey rock. Highly fractured along very closely spaced horizontal cleat.	
		Soft shale band.		(0) 50			
				(0) 53			
				(0) 46			
		Soft shale band		(0) 100			
				(0) 100			
				(0) 100			

MARKS GEOL. ENGR. APPR.

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

ROADS DEPARTMENT ENGINEERING BORE LOG

PROJECT GARDENWAY BRIDGE

(P) 13/79

Sheet 6 of 6

HOLE No. B23 (cont.)

REF. H4971

DATUM AND

SURFACE R.L.

LOCATION

No. PROJECT No. 1/154 DATE

Hollow Auger  Depth (m)

Casing  Depth (m)

Logging Coring  Depth (m)

Depth (m)

WEATHERING PROPERTIES		STRUCTURE	GRAPHIC LOG	CORE REC % R.O.D. (%)	Depth & R.L. ( )	STRATA DESCRIPTION	
Defect Spacing						SOIL TYPE OR WEATHERING	LITHOLOGY
				(0) 20	(-45.40)	HIGHLY WEATHERED (CONT.)	COAL (CONT.)
				(0) 70	51.1 (-46.50)	HIGHLY WEATHERED Grey, low strength clayey rock. Bedding dips sub- horizontal. Rare defects parallel to bedding coated with clay.	Fine grained, massive sedimentary rock. MUDSTONE
				(0) 100			
				(0) 62			
				(0) 70	54.7		
				100 (5)	(-50.10)	SLIGHTLY WEATHERED Light grey, cross bedded rock. True bedding dips subhorizontal. Contains numerous thin carbonaceous stringers parallel to cross bedding.	Medium grained, massive rock. SANDSTONE
		Defect dipping 60° coated with calcite.		(56) 86			
				(100) 100	57.00		
					(-52.40)		
						END OF HOLE	

MARKS

GEOL. OR ENGR. NR APPR. *M. Robertson*

P.T.	WEATHERED CONDITION	Extremely Weathered		Moderately Weathered		Water Level
		Highly		Slightly		

NOTE FOR OTHER SYMBOLS