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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F873 NOV/87

BOREHOLE No : 14
SHEET : 1 OF 5
REFERENCE No : H7373

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION
LOCATION : Grid Ref. 37790 E, 48346.2 N
PROJECT No : MG0246 SURFACE R.L. : 5.70 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 24,25/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	5.70												
1						CLAY Pale grey to grey, with red to yellow brown mottling (ironstaining) in part; moist, generally very stiff, high plasticity, fissuring and slickensides common; slightly sandy in more ironstained parts heavily ironstained near top; firm to stiff near surface.							
2											heavily ironstained		
3											2,3,4 N=7		SPT
4													
5													
6											* Su=200kPa		U48
7													
8													
9											4,7,10 N=17		SPT
10	-4.30												

REMARKS : OTHER - Washboring.*Su derived from pocket penetrometer.

ALL U48 tubes pushed 400mm, only portions recovered shown.

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BOREHOLE No : 14

SHEET : 2 OF 5

REFERENCE No : H7373

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION

LOCATION : Grid Ref. 37790 E, 48346.2 N

PROJECT No : MG0246 SURFACE R.L. : 5.70 DRILLER : Schneider - Richard

JOB No : DATUM : AHD DATE DRILLED : 24,25/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTED
							CU	CH	SH	ML	VL				
10	-4.30				CLAY (Cont'd)										
11															
12														* Su=200kPa	U48
13															
14															
15														6,8,12 N=20	SPT
16															
17															
18														* Su=160kPa	U48
19															
20	-14.30														

REMARKS : * Su derived from pocket penetrometer.

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BOREHOLE No : 14
SHEET : 3 OF 5
REFERENCE No : H7373

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION
LOCATION : Grid Ref. 37790 E, 48346.2 N
PROJECT No : MGO246 SURFACE R.L. : 5.70 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 24,25/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
20	-14.30				CLAY (Cont'd)						
21										6,9,12 N=21	SPT
22											
23											
24										* Su>300kPa	U48
25											
26											
27										7,11,14 N=25	SPT
28											
29											
30	-24.30									* Su=270kPa	U48

REMARKS : * Su derived from pocket penetrometer.

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BOREHOLE No : 14
SHEET : 4 OF 5
REFERENCE No : H7373

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION
LOCATION : Grid Ref. 37790 E, 48346.2 N
PROJECT No : MG0246 SURFACE R.L. : 5.70 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 24,25/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING F T V H M L	INTACT STRENGTH	DEFECT SPACING (mm) 20 60 200 600 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
30	-24.30				CLAY (Cont'd)						
31											
32											
33										9,11,17 N=28	SPT
34											
35	-29.30				EXTREMELY WEATHERED BASALT Grey with red ironstaining throughout, generally exhibits engineering properties of hard silty clay with a sandy and nodular texture.						
36										19,28,31 N=59	SPT
37											
38											
39										15,21,24 N=45	SPT
40	-34.30										

REMARKS :

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PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION

LOCATION : Grid Ref. 37790 E, 48346.2 N

PROJECT No : MG0246 SURFACE R.L. : 5.70 DRILLER : Schneider - Richard

JOB No : DATUM : AHD DATE DRILLED : 24,25/2/94

DEPTH (m)	R.L. (m)	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
40	-34.30			EXTREMELY WEATHERED BASALT (Cont'd)						
41										
	-36.25								19,22,27 N=49	SPT
42				END OF HOLE						
43										
44										
45										
46										
47										
48										
49										
50										

REMARKS :

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R. Duv.