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PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION
LOCATION : Grid Ref. 37691.4 E, 48421.2 N
PROJECT No : MG0246 SURFACE R.L. : 5.90 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 21-23/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT	DEFECT	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								STRENGTH				
0	5.90							EH VH I M L V	20 60 200 600 2000			
1					CLAY Grey to dark grey, with red to yellow brown ironstaining, moist, generally very stiff, high plasticity (except in heavily ironstained parts), fissuring and slickensides common; ironstaining concentrated in upper 10m; weak ironstone formed in heavily ironstained parts; slightly sandy in more ironstained parts.					/		
2										/		
3										/	7,10,13 N=23	SPT
4										/	heavily ironstained	
5										/	Gur=57MPa Su=190kpa	Pm
6										/		U48
7										/		
8										/	7,12,16 N=28	SPT
9										/	Remarks: Gur - unload/reload shear modulus Su-undrained shear strength	
10	-4.10										Gur=30MPa Su=160kPa	Pm

REMARKS : OTHER - washboring. All U48 tubes pushed 400mm, only recovered portions shown.

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SYMBOLS REFER FORM F873 NOV/87

BOREHOLE No : 17
SHEET : 2 OF 5
REFERENCE No : H7376

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION
LOCATION : Grid Ref. 37691.4 E, 48421.2 N
PROJECT No : MGO246 SURFACE R.L. : 5.90 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 21-23/2/94

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
10	-4.10				CLAY (Cont'd)						Pm
										MC=36%	U48
11											
12											
13										5, 7, 10 N=17	SPT
14											
15										Gur=20MPa Su=180kPa	Pm
16										MC=33.8%, WD=1.90t/m3 c=275kPa, ϕ =5.5deg	U48
17											
18										6, 10, 13 N=23	SPT
19											
20	-14.10									Gur=43MPa Su=500kPa	Pm

REMARKS : WD=Wet density

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BOREHOLE No : 17
SHEET : 3 OF 5
REFERENCE No : H7376

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION
LOCATION : Grid Ref. 37691.4 E, 48421.2 N
PROJECT No : MG0246 SURFACE R.L. : 5.90 DRILLER : Schneider - Richard
JOB No : DATUM : AHD DATE DRILLED : 21-23/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING EH VH H M L VL	INTACT STRENGTH	DEFECT SPACING (mm) 20 50 100 200 500 1000 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TOTAL
20	-14.10				CLAY (Cont'd)					MC=30%, WD=1.92t/m ³ c=353kPa, φ=0deg	U48
21											
22	-16.00				EXTREMELY WEATHERED BASALT Dark grey to dark green grey, red brown ironstained concentrated near top; generally exhibits engineering properties of hard, high plasticity clay to silty clay to clayey silt to gravelly clay; fissuring common; frittery texture common.						
23											
24										8,10,14 N=24	SPT
25											+ Pm
26											+ Pm
27										Gur=56MPa Su=600kPa	Pm
28											U48
29											+ Pm
30	-24.10										+ Pm

REMARKS : + Pm attempted but drill hole too big.

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LOCATION : Grid Ref. 37691.4 E, 48421.2 N

PROJECT No : MG0246

SURFACE R.L. : 5.90

DRILLER : Schneider - Richard

JOB No :

DATUM : AHD

DATE DRILLED : 21-23/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD ()%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
			CORE REC%				EH VH LH M L	20 60 200 600 2000			
30	-24.10				EXTREMELY WEATHERED BASALT (Cont'd)						
31										+ 10, 14, 18 N=32 Su=100kpa Gur=90Mpa Su=570kpa 14, 20, 25 N=45	Pm SPT
32											
33											
34											
35										Gur=160Mpa Su=2700kpa 25, 38 N>60	Pm SPT
36											
37											
38										31, 28, 25 N=53	SPT
39											
40	-34.10										

REMARKS : + Pm attempted but drill hole too big.

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REMARKS :

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R. Dr. V.