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# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F873 NOV/87

BOREHOLE No : 18

SHEET : 1 OF 3

REFERENCE No : H7377

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION  
 LOCATION : Grid Ref. 37643.3 E, 48444.3 N  
 PROJECT No : MG0246 SURFACE R.L. : 6.10 DRILLER : Schneider - Richard  
 JOB No : DATUM : AHD DATE DRILLED : 31/1/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	WEATHERING					GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
						USC	EH	VH	H	M				L	VL
0	6.10														
1					CLAY Pale grey to dark grey, with red and yellow brown ironstaining in parts; moist, generally very stiff, high plasticity, fissuring and slickensides common; in heavily ironstained parts, nodules of weak ironstone occur; soft to firm near surface; firm to stiff from 0.7m depth grades to very stiff below 4.0m; frittery texture near base.							soft to firm clay	2,2,3 N=5	SPT	
2															
3															U48
4															
5															
6													3,5,6 N=11	SPT	
7															
8															
9															U48
10	-3.90												3,4,6 N=10	SPT	
													MC=38.4% WD=1.84t/m3		U48

REMARKS : All U48 tubes pushed 450mm, only recovered portions shown.  
 WD=Wet density

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# ENGINEERING BORELOG

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BOREHOLE No : 18  
SHEET : 2 OF 3  
REFERENCE No : H7377

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION  
 LOCATION : Grid Ref. 37643.3 E, 48444.3 N  
 PROJECT No : MG0246 SURFACE R.L. : 6.10 DRILLER : Schneider - Richard  
 JOB No : DATUM : AHD DATE DRILLED : 31/1/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING SH WH M L V	INTACT STRENGTH	DEFECT SPACING (mm) -20 -60 -200 -600 -2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	3.90				CLAY (Cont'd)					4,6,10 N=16	SPT
11										MC=30.8%, WD=1.9t/m3 c=259kPa, φ=1 deg LL=82, PI=41	U48
12										6,9,12 N=21	SPT
13										MC=30.4%, WD=1.92t/m3	U48
14										6,10,11 N=21	SPT
15											
16											
17											
18									o o o o o	heavily ironstained ironstone nodules common	U48
19											
20	13.90									MC=28.8%, WD=1.94t/m3	U48

REMARKS :

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# ENGINEERING BORELOG

[ FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F873 NOV/87 ]

BOREHOLE No : 18

SHEET : 3 OF 3

REFERENCE No : H7377

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION  
 LOCATION : Grid Ref. 37643.3 E, 48444.3 N  
 PROJECT No : MG0246 SURFACE R.L. : 6.10 DRILLER : Schneider - Richard  
 JOB No : DATUM : AHD DATE DRILLED : 31/1/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING EH LVH H M L VL	INTACT STRENGTH	DEFECT SPACING (mm) 20 50 100 200 500 1000 2000	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
20	-13.90				CLAY (Cont'd)						
21										9, 11, 16 N=27	SPT
22									/		
23									/	frittery texture	
24	-17.85				END OF HOLE				/	8, 11, 19 N=30	SPT
25											
26											
27											
28											
29											
30											

REMARKS :

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*R. Devi*