QUEENSLAND TRANSPORT

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	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	6.10				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	
1											2,2,3 N=5	SPT
2												
3												U48
4											3,5,6 N=11	SPT
5												
6											MC=38.4%m WD=1.84t/m3	U48
7											3,4,6 N=10	SPT
8												
9												U48
10	-3.90											

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

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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 / CASING / OTHER	RQD ( )% CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH (EH VH H M L VL)	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													
13											6,9,12 N=21		SPT
14													
15											MC=30.4%,WD=1.92t/m3		U48
16											6,10,11 N=21		SPT
17													
18											heavily ironstained ironstone nodules common		U48
19											MC=28.8%,WD=1.94t/m3		U48
20	-13.90												

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	INTACT STRENGTH (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
20	-13.90				CLAY (Cont'd)							
21											9,11,16 N=27	SPT
22												U48
23											frittery texture	
	-17.85										8,11,19 N=30	SPT
24					END OF HOLE							
25												
26												
27												
28												
29												
30												

REMARKS :

LOGGED BY R. D.V.