QUEENSLAND TRANSPORT

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 / 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	5.70				**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.						* Su=80kPa	U48
2											heavily ironstained	
3											2,3,4 N=7	SPT
5											* Su=200kPa	U48
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 (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES / TESTS
10	-4.30				CLAY (Cont'd)							
11											* Su=200kPa	U48
12												
13												
14												
15											6,8,12 N=20	SPT
16												
17											* Su=160kPa	U48
18												
19												
20	-14.30											

REMARKS : * Su derived from pocket penetrometer.

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ENGINEERING BORELOG

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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 : 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 (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
20	-14.30				CLAY (Cont'd)							
											6,9,12 N=21	SPT
21												
22												
23												
											* Su>300kPa	U48
24												
25												
26												
											7,11,14 N=25	SPT
27												
28												
29												
											* Su=270kPa	U48
30	-24.30											

REMARKS : * Su derived from pocket penetrometer.

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ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F873 NOV/87

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	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
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.							U48
36											19,28,31 N=59	SPT
37												
38												
39											15,21,24 N=45	SPT
40	-34.30											

REMARKS :

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ENGINEERING BORELOG

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BOREHOLE No : 14
SHEET : 5 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 (EH VH H M L VL)	DEFECT SPACING (mm) (20 60 200 600 2000)	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 :

LOGGED BY R. Dev.