ENGINEERING BORELOG

Main Roads

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 122
SHEET : 1 OF 3
REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46807.000E 34419.500N
PROJECT No : C60323 SURFACE R.L. : 2.03 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/11/99

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	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	2.03											
					ESTUARINE SILTY CLAY Mainly moist to wet, sensitive to very sensitive, soft. Frequent fine sandy interlayers; completely decomposed plant roots which may act as free drainage paths.							FSV
1											Peak= 20.9kPa Res= 2.27kPa	FSV
2											MC=98.6% WD=1.48; DD=0.94; LL=35.8% PI=14.8% LS=9.8%	U99
3											Peak= 24.5kPa Res= 3.63kPa	FSV
4	-1.97				**ESTUARINE SANDY SILTY CLAY** Grey to pale brown, moist, sensitive, soft. Fine to medium sand, low plasticity.	OH						MC=63.0% WD=1.64; DD=1.00; LL=48.5% PI=23.0% LS=13.2%	U99
	-2.87										Peak= 20.9kPa Res= 4.50kPa	FSV
5					**ESTUARINE SILTY CLAY** Dark grey, moist, sensitive, soft to mainly firm Completely decomposed shell fragments; high organic content; partly decomposed plant material; minor sandy fraction.							U99
6											Peak= 31.8kPa Res= 4.50kPa	FSV
7											MC=77.8% WD=1.56; DD=0.88; LL=58.4% PI=29.4% LS=16.6%	U99
											Peak= 27.6kPa Res= 7.66kPa	FSV
8	-6.22											
					ALLUVIAL SILTY CLAY Pale grey to green grey, moist, moderately sensitive, firm to mainly stiff. Slight mottling; fissured, minor fraction of completely decomposed roots; occasional wet zone associated with vertical fissuring.							U99
9						OL					Peak= 52.1kPa Res=13.80kPa	FSV
10												

REMARKS :

LOGGED BY
RW/DISS

Main Roads

ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 122
SHEET : 2 OF 3
REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46807.000E 34419.500N
PROJECT No : C60323 SURFACE R.L. : 2.03 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/11/99

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	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	-7.97				**ALLUVIAL SILTY CLAY** (as above) Low plasticity; some yellow coloured secondary mineralization along fissured planes.							U99
11												
12											3,5,7 N=12	SPT
13											3,4,5 N=9	SPT
14												
15						OL					3,4,4 N=8	SPT
16											3,5,7 N=12	SPT
17												
18											6,6,6 N=12	SPT
19											2,4,5 N=9	SPT
20	-17.97											

REMARKS :

LOGGED BY

ENGINEERING BORELOG

Main Roads

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 122
SHEET : 3 OF 3
REFERENCE No : H8643

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46807.000E 34419.500N
PROJECT No : C60323 SURFACE R.L. : 2.03 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 15/11/99

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC%	SAMPLE	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	-17.97				**SANDSTONE** MEDIUM GRAINED, LAMINATED SEDIMENTARY ROCK. XW: Generally exhibits engineering properties of pale grey to red brown moist, very stiff sandy silty clay.	XW					6,9,13 N=22		SPT
21	-19.67				**INTERBEDDED SILTSTONE AND SANDSTONE** Orange brown to dark grey, fine grained, low to medium strength. Defects : Lamination partings <20 deg (>5/m).	MW							
22	-20.67				**SILTSTONE** Pale orange brown to dark grey, fine grained, laminated, mainly medium strength.	MW					Is(50)=5.18MPa Is(50)=0.37MPa	x o	
23													
24	-22.09				**SW** :Dark grey, laminated, medium to high strength with occasional low strength bands. Defects:Lamination partings <30 deg(5/m)	SW					Is(50)=0.01MPa Is(50)=0.81MPa	x x	
	-22.62		(90) 100		END OF HOLE								
25													
26													
27													
28													
29													
30													

REMARKS : O - Axial point loads; X - Diametrial point loads.

LOGGED BY
BW/DISS