ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 127
SHEET : 1 OF 3
REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46981.300E 34516.400N
PROJECT No : C60323 SURFACE R.L. : 2.80 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

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	2.80				**ROCKFILL** Brown to grey, gravel to boulder size rock fragments.	GC					Driller's log only.		
1	1.50				**TOP SOIL** Pale green grey to dark mottled brown, moist, firm to stiff. TOP SOIL DEVELOPED OVER ESTUARINE SILTY CLAY.						Peak= 56.0kPa Res= 3.0 kPa		FSV
2	0.80				**ESTUARINE SILTY CLAY** Dark grey, moist to wet, very sensitive, very soft to firm.	OH					Peak= 25.0kPa Res= 3.0kPa		FSV
3											MC=62.8% WD=1.60; DD=0.98; LL=48.8% PI=24.8% LS=13.6%		U99
4											Peak= 31.0kPa Res= 4.0kPa		FSV
5											Peak= 30.0kPa Res= 3.0 kPa		FSV
	-2.70				**ESTUARINE SANDY SILTY CLAY** Dark grey brown, wet, loose. High orgainc content.	SM					Peak= 47.0kPa Res= 5.0kPa		FSV
6											MC=60.69% WD=1.70; DD=1.06; LL=48.4% PI=22.4% LS=12.4%		U99
7	-4.20										Peak= 34.0kPa Res= 12kPa		FSV
8					**ESTUARINE SILTY CLAY** Dark grey, moist, soft. High content of sea shells.	OH					Peak =21.0kPa Res= 2.4 kPa		FSV
9											RW,<1 N<1		SPT
10													

REMARKS :

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ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 127
SHEET : 2 OF 3
REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46981.300E 34516.400N
PROJECT No : C60323 SURFACE R.L. : 2.80 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

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	-7.20				ESTAURINE SILTY CLAY (As above).							
					Becoming firm to stiff towards bottom.						Peak= 25.2kPa Res= 4.2 kPa	FSV
11												
12											Peak= 35.1kPa Res= 3.6 kPa	FSV
13												
14												
15						OH						
16											Driller's log only.	
17												
18												
19												
20												

REMARKS :

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ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 127
SHEET : 3 OF 3
REFERENCE No : H8646

PROJECT : BRISBANE PORT ROAD STAGE 3
LOCATION : 46981.300E 34516.400N
PROJECT No : C60323 SURFACE R.L. : 2.80 DRILLER : FOUNDRIL PTY LTD
JOB No : DATUM : AHD DATE DRILLED : 22/11/99

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	-17.20				ESTUARINE SILTY CLAY (As above).	OH					Driller's log only.	
21	-18.30				SANDY GRAVEL	GW					No recovery; drillers log only. 5,8,10 N=18	SPT
22												
23												
24												
25												
	-22.80				SANDSTONE FINE TO MEDIUM GRAINED METASEDIMENTARY ROCK HW : Pale orange brown, dry to moist hard sandy silt on top becoming very low strength rockmass. Frequent low grade coal seams and carbonaceous siltstone interbeds.	HW					24,30/90 N>50	SPT
26												
27											Is(50)=0.04MPa	x
28											Coal seam.	
29											Coal seam. Is(50)=0.03MPa	x
	-26.79											
30	-27.10		(95) 100		MW : Pale brown to grey, laminated, low to medium strength.	MW					Is(50)=0.24MPa	c
					END OF HOLE							

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

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