ENGINEERING BORELOG

Main Roads

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 219
SHEET : 1 OF 2
REFERENCE No : H8160

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 2
LOCATION : 3658.181E 162615.852N
PROJECT No : C60117 SURFACE R.L. : 16.49 DRILLER : DALY BROTHERS PTY LTD
JOB No : 650302CN DATUM : AHD DATE DRILLED : 4/12/97

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	16.49				**ROAD BASE**	GM					Drillers log only.	
1	15.49				**FILL** Pale brown to dark grey brown, dry, dense to very dense, fine to very coarse grained mixture of rock fragments.	GW					14,15,15 N=30	SPT
2											5,8,30/90 N=>50	SPT
3											30/100 N=>50	SPT
4	12.74				**FILL** Red brown to grey brown, moist, very stiff to hard silty clay. Frequent red brown mottled zones.	CH					7,12,10 N=22	SPT
5											14,14,19 N=33	SPT
6											11,12,14 N=26	SPT
7	9.74				**SILTY CLAY** Red brown to grey brown, moist, stiff.	CH					5,6,5 N=11 Probable residual material of siltstone	SPT
8	8.74				**XW SILTSTONE** Exhibits engineering properties of grey brown, moist very stiff to hard silty clay.	XW					8,13,15 N=28	SPT
9											14,30/100 N=>50	SPT
10												

REMARKS : *See attached list for defect descriptions.

LOGGED BY
DISS

ENGINEERING BORELOG

Main Roads

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No : 219
SHEET : 2 OF 2
REFERENCE No : H8160

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 2
LOCATION : 3658.181E 162615.852N
PROJECT No : C60117 SURFACE R.L. : 16.49 DRILLER : DALY BROTHERS PTY LTD
JOB No : 650302CN DATUM : AHD DATE DRILLED : 4/12/97

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	6.49												
					As above..	XW					21,30/115 N=>50	SPT	
	6.04				**HW SANDSTONE** Red brown to brown, fine to medium grained; horizontal bedding(<10 degrees)	HW					Is(50)=0.56MPa	x	
11			(21) 80										
	4.89				**CONGLOMERATE** GREY BROWN TO BROWN FINE TO VERY COARSE GRAINED MASSIVE SEDIMENTARY ROCK MW:Argillite and phyllite rock fragments throughout; occasional quartz pebbles.	MW				Broken zone.			
12			(39) 91										
	3.89				**SW CONGLOMERATE** Red brown ironstaining only along defects.	SW					Is(50)=0.25MPa	x	
13											13.20MPa	UCS	
			(83) 100								Is(50)=0.24MPa	x	
14													
	1.49		(85) 100								Is(50)=0.23MPa	x	
15					END OF HOLE								
16													
17													
18													
19													
20													

REMARKS :

LOGGED BY DISS