ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 4
SHEET : 1 OF 2
REFERENCE No : H9111

PROJECT : APPLE TREE CREEK GEOTECHNICAL INVESTIGATION
LOCATION : EASTING 422307.34, NORTHING 7211267.28
PROJECT No : FG5133 SURFACE R.L. : 71.07 DRILLER : Schneider Drilling Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 07/03/02

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	71.07												
	70.57				**FILL (MISCELLANEOUS)** Dark grey, firm clay.	CL					Driller's record only 07/03/02		
	70.37				**ALLUVIAL CLAYEY SAND** Pale grey to orange, wet, very loose. Very fine grained sand.	SC						U48	
3											1,1,2 N=3	SPT	
	67.57				**RESIDUAL SILTY SAND** Dark brown to dark red brown, moist, medium dense.	SM							
	66.57										5,10,11 N=21	SPT	
					GRANODIORITE COARSE GRAINED, MASSIVE INSTRUSIVE IGNEOUS ROCK OF ACIDIC COMPOSITION. XW : Generally exhibits engineering properties of grey green to grey brown, moist, dense to very dense silty sand.	XW					7,15,24 N=39	SPT	
	63.87										30/120 N>50	SPT	
			(70) 100		**MW** Orange brown to white, mainly low to medium strength with some high strength areas. Defects - Joints @ 30deg (3/m).	MW							
	62.65				**SW** White to spotted green, massive, mainly very high strength with extremely high strength bands. Defects - Joints @ 30 deg. (3/m). Joints @ 50 deg. (3/m).	SW					Is(50)=1.64MPa Is(50)=8.99MPa Is(50)=11.5MPa Is(50)=4.85MPa Is(50)=6.95MPa	* x o x x x	
10	61.07												

REMARKS : Failure has taken place along the preexisting plane.

LOGGED BY
A. DISSANAYAKE

ENGINEERING BORELOG

Main Roads

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

BOREHOLE No : 4
SHEET : 2 OF 2
REFERENCE No : H9111

PROJECT : APPLE TREE CREEK GEOTECHNICAL INVESTIGATION
LOCATION : EASTING 422307.34, NORTHING 7211267.28
PROJECT No : FG5133 SURFACE R.L. : 71.07 DRILLER : Schneider Drilling Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 07/03/02

DEPTH (m)	R.L. (m)	AUGER / CORE DRILLING / CASING / OTHER	RQD ( )% CORE REC% (98)	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	61.07												
	60.87		100		SW (As above).	SW							
					END OF HOLE								
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

REMARKS :

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A. DISSANAYAKE