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ENGINEERING BORELOG

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

BOREHOLE No : 3
SHEET : 1 OF 2
REFERENCE No : H9110

PROJECT : APPLE TREE CREEK GEOTECHNICAL INVESTIGATION
LOCATION : EASTING 422321.43 NORTHING 7211253.86
PROJECT No : FG5133 SURFACE R.L. : 72.59 DRILLER : Schneider Drilling Pty Ltd
JOB No : DATUM : AHD DATE DRILLED : 07/03/02

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	72.59											
	72.34				ASPHALT/ROAD BASE							
	72.09				ROAD EMBANKMENT FILL Dark brown to dark red brown, moist, soft to firm silty clay.						07/03/02	
1						CL					2, 2, 2 N=4	SPT
2	70.59				ALLUVIAL SILTY CLAY Dark grey, moist, very soft.		OH					
3	69.59				ALLUVIAL CLAYEY SAND Pale grey to grey brown, moist to wet, very loose to loose. Very fine grained sand.		SC					
4											2, 3, 2 N=5	SPT
5	67.59				RESIDUAL CLAYEY SAND Pale grey green to orange brown, moist, medium dense.		SC					
6											6, 8, 11 N=19	SPT
7	65.59				GRANODIORITE COARSE GRAINED, MASSIVE, INTRUSIVE IGENOUS ROCK OF ACIDIC COMPOSITION.						7, 13, 15 N=28	SPT
8					XW : Generally exhibits engineering properties of grey green to grey brown, moist, medium dense to very dense silty sand.		XW					
9											20, 30/120 N>50	SPT
10	62.59											

REMARKS :

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A. DISSANAYAKE



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DEPTH (m)	R.L. (m)	AUGER CORE DRILLING COASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
10	62.59					MW Pale orange brown to white with spotted green, mainly low to medium strength. Defects - Joints @ 80 deg (2/m). Joints @ 40-50 deg (3/m).	MW				Is (50) = 0.16MPa	* x
11	60.74		(90)	100							clay seam. XW band.	
12	59.66		(90)	100		SW White to spotted green, mainly very high strength. Defects - Joints @ <10deg (>5/m).	SW				Is (50) = 0.35MPa Is (50) = 4.39MPa Is (50) = 4.08MPa	* o x x
13						END OF HOLE						
14												
15												
16												
17												
18												
19												
20												

REMARKS : * - Failure has taken place along preexisitng plane.

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A. DISSANAYAKE