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ENGINEERING BORELOG

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

BOREHOLE No : BH2
SHEET : 1 OF 3
REFERENCE No : H8782

PROJECT : 8 MILE INTERSECTION WARWICK
LOCATION : Willowvale road X = 4603.391E, Y = 9152.790N
PROJECT No : C15733 SURFACE R.L. : 494.21 DRILLER : R&D Drilling
JOB No : _____ DATUM : AHD DATE DRILLED : 21/8/2000

DEPTH (m)	R.L. (m)	CORE DRILLING CASING WASHBORING	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)					GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
								EH	VH	HM	LV	20	80	200	800	2000					
0	494.21					FILL/ROADBASE Gravel roadbase in table drain, over grey redbrown gravel and XW basalt fill (Driller's log)															
1	492.91					BASALT DARK COLOURED, FINE GRAINED BASIC VOLCANIC ROCK. XW: Grey brown, moist, fine grained, with the properties of a very stiff to hard medium plasticity silty clay.											LL=85.0% PI=44.6% LS=17.8% WPI=4085 WLS=1630	7,7,12 N=19	SPT	U48	
2																		7,8,11 N=19	SPT	U48	
3																					
4							XW											8,19,28 N=47	SPT		
5																					
6																		16,30/125 N=50	SPT		
7	487.21					FOSSIL SOIL (PALAEOBOL) Dark brown, moist hard sandy clay, with basalt inclusions. Appears to be a fossil soil formed from the underlying tuff which has been covered by the overlying basalt lava flow.												12,16,17 N=33	SPT		
8	486.31					TUFF PYROCLASTIC ROCK COMPOSED OF VOLCANIC ASH. XW: Light grey to pale yellow orange, moist, with the properties of a stiff to hard medium plasticity silty clay. Slight very fine sand content.												6,7,11 N=18	SPT		
9							XW														
10	484.21																				

REMARKS : _____

LOGGED BY
Jeff Kleindienst



ENGINEERING BORELOG

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BOREHOLE No : BH2
SHEET : 2 OF 3
REFERENCE No : H8782

PROJECT : 8 MILE INTERSECTION WARWICK
LOCATION : Willowvale road X = 4603.391E, Y = 9152.790N
PROJECT No : C15733 SURFACE R.L. : 494.21 DRILLER : R&D Drilling
JOB No : _____ DATUM : AHD DATE DRILLED : 21/8/2000

DEPTH (m)	R.L. (m)	UGER DRILLING CASING WASHBORING	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC	WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	HM	bl	20	60	200	600			
10	484.21				XW TUFF As above.											8, 12, 19 N=31	SPT	
11																		
12																10, 14, 25 N=39	SPT	
13																		
14																		
15							XW									8, 15, 25 N=40	SPT	
16																		
17																		
18																11, 16, 23 N=39	SPT	
19																		
20	474.21															11, 16, 21 N=37	SPT	

REMARKS : _____

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BOREHOLE No : <u>BH2</u>
SHEET : <u>3</u> OF <u>3</u>
REFERENCE No : <u>H8782</u>

PROJECT : 8 MILE INTERSECTION WARWICK

LOCATION : Willowvale road X = 4603.391E, Y = 9152.790N

PROJECT No : C15733 SURFACE R.L. : 494.21 DRILLER : R&D Drilling

JOB No : DATUM : AHD DATE DRILLED : 21/8/2000

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE CASING WASHBORING	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
						USC	WEATHERING	EH	VH	H	M	VL	20				60
20	474.21				XW TUFF As above.												
21																11, 18, 29 N=47	SPT
22																	
23	470.71																
24					SANDSTONE SEDIMENTARY ROCK COMPOSED OF SAND SIZED PARTICLES. HW: Grey, fine grained, low strength. Planar jointing at 60deg, no iron staining.											14, 23, 30/120 N>50	SPT
25																	
26																16, 28, 30/120 N>50	SPT
27																core loss probably due to XW clay band	
28																XW clay band	
29																peat layer core loss: XW clay band?	
30	464.66		(41) 65		END OF HOLE												

REMARKS : LOGGED BY
Jeff Kleindienst

8 MILE INTERSECTION WARWICK

CI5733

START 26.55
END 29.55
AUG 2000

H 8782
BH 2
1 OF 1

