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ENGINEERING BORELOG

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

BOREHOLE No :	BH4
SHEET :	1 OF 2
REFERENCE No :	H8783

PROJECT : 8 MILE INTERSECTION WARWICK

LOCATION : X = 4652.515E, Y = 9681.469N

PROJECT No : C15733 SURFACE R.L. : 478.77 DRILLER : R&D Drilling

JOB No : DATUM : AHD DATE DRILLED : 18/8/2000

DEPTH (m)	R.L. (m)	AUGER DRILLING CASING WASHING	RQD (%) CORE REC#	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	LV	20	60	200			
0	478.77				TOPSOIL/FILL Black/brown, dry to moist, very stiff, high plasticity silty clay.												U48
	478.02				PROBABLE FILL Grey brown, moist, fill composed of XW sandstone and XW/HW basalt. Appears to be well compacted.											8, 10, 15 N=25	SPT
1															11, 19.30/145 N>50	SPT	
2															10, 17, 25 N=42	SPT	
3																	
4	474.77				SILTY CLAY - RESIDUAL SOIL Dark brown, moist, stiff to very stiff, high plasticity.										7, 12, 14 N=26	SPT	
5																	
6															8, 12, 16 N=28	SPT	
7						CH									5, 6, 10 N=16	SPT	
8																	
9															4, 6, 8 N=14	SPT	
10	468.77																

REMARKS : CARBONACEOUS SILTSTONE: SEDIMENTARY ROCK COMPOSED OF SILT SIZED PARTICLES
AND CARBONACEOUS PLANT MATTER

LOGGED BY
Jeff Kleindienst



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DEPTH (m)	R.L. (m)	UGER CORE DRILLING CASING WASHBORING	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING EH LVH H M L	INTACT STRENGTH				DEFECT SPACING (mm)			GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							20	60	200	600	2000					
10	468.77				BASALT DARK COLOURED, FINE GRAINED BASIC VOLCANIC ROCK. XW: Brown, moist, with the properties of a hard medium plasticity silty clay. Contains HW basalt fragments.									12, 17, 17 N=36	SPT	
11	467.27					XW										
12					HW: Grey brown, fine grained, very low strength.									6, 8, 20 N=28	SPT	
13														30/85 N>50	SPT	
14						HW										
15														18, 21, 29 N>50	SPT	
16														30/85 N>50	SPT	
17	462.10				TUFF: PYROCLASTIC ROCK COMPOSED OF VOLCANIC ASH HW: Grey to pale yellow mottled, moist, very fine grained, low strength. Smooth, almost slickensided, planar joints at 60deg, with no iron staining.	HW										
18	461.12		(81) 100		HW TUFF: As above, but grey to red mottled.	HW										
19	460.53				HW CARBONACEOUS SILTSTONE: Grey, very fine grained, grading into coal, and back into carbonaceous siltstone. Low strength.	HW										
20	459.92		(52) 100											Coal/antracite		
19					END OF HOLE											

REMARKS : _____

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