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ENGINEERING BORELOG

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

BOREHOLE No : BH5
SHEET : 1 OF 2
REFERENCE No : H8784

PROJECT : 8 MILE INTERSECTION WARWICK
LOCATION : X = 4661.107E, Y = 9698.286N
PROJECT No : C15733 SURFACE R.L. : 477.97 DRILLER : R&D Drilling
JOB No : _____ DATUM : AHD DATE DRILLED : 19/8/2000

DEPTH (m)	R.L. (m)	ALGER CORE 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			
0	477.97					TOPSOIL/FILL Brown black, dry to moist, hard, high plasticity.											U48
1	477.22					PROBABLE FILL Grey brown, moist, fill composed of XW sandstone and XW/HW basalt. Appears to be well compacted.										5, 7, 11 N=18	SPT
2																10, 18, 23 N=41	SPT
3																12, 17, 21 N=38	SPT
4	473.97					SILTY CLAY - RESIDUAL SOIL Dark brown, moist, hard, high plasticity										14, 15, 21 N=36	SPT
5																	
6																8, 12, 18 N=30	SPT
7							CH									7, 15, 19 N=34	SPT
8																	
9																8, 12, 19 N=31	SPT
10	467.97																

REMARKS : _____

LOGGED BY
Jeff Kleindienst



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				USC	WEATHERING	EH	LVH	H	M	VL	20				60
10	467.97		SILTY CLAY - RESIDUAL SOIL As above.											8, 14, 17 N=31	SPT
11				CH											
12	466.47		BASALT DARK COLOURED, FINE GRAINED BASIC VOLCANIC ROCK. HW: Grey brown, fine grained, very low strength.											17, 30, 140 N>50	SPT
13				HW										30/50 N>50	SPT
14															
15	463.47		CONGLOMERATE SEDIMENTARY ROCK COMPOSED OF GRAVEL SIZED OR LARGER PARTICLES. MW: Brown, SW basalt clasts to 25-30mm, supported in clayey basalt sand and fine gravel matrix. Medium to high strength, but core fragmented due to low strength matrix											30/75 N>50	SPT
16	462.21	(17) 100	MW BASALT Grey with slight greenish tinge, fine grained. Medium to high strength.												
17	460.98	(37) 82												core loss - clay band???	
18			SANDSTONE SEDIMENTARY ROCK COMPOSED OF SAND SIZED PARTICLES. MW: Brown, fine grained, massive. Low strength.												
19	459.48	(100) 100													
20			END OF HOLE												

REMARKS : _____

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8 MILE INTERSECTION WARWICK

C15733

START 14.65
END 18.49
AUG 2000

H 8784
BH 5
1 OF 1

