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		ົ							BOREHOLE No : BH1					
C	K	M	ain	R	oads	LU	G	1		SHEET : 1 OF	.3			
		-			FOR GEOTECHNI Symbols Refer form	CAL TE F:GEC	RMS AND T 017/0-	-1998		REFERENCE No : H8781	····· ·			
PROJ	ECT	:	8 MILE	INT	ERSECTION		WARWICK				••••••			
	TION	:!	Willowv	ale	Road		Ch 799 on M201 X = 4610.904E, Y = 8128.668N							
JOB	NO	· · · · ·	CT5(33.		DATUM : AHD			. DATE DR	LLE	D : 21/8/2000	•••••			
~			ROD		· · · · · · · · · · · · · · · · · · ·		INTACT	DEFECT			[]			
E T	(m)		()*		MATERIAL	5NI	STRENGTH	SPACING	ğ	ADDITIONAL DATA				
DEPTI			CORE	PLE	DESCRIPTION	THE THE			GRAPHIC	AND TEST RESULTS	SAMPLES TESTS			
0_	495.37		RECT	SAN			≝-∓∓≈-≈	\$ & & & & & & & & & & & & & & & & & & &						
•					SIL TY CLAY - RESIDUAL TOP SOIL Black, becoming dark brown, moist, very						U48			
-					stiff, high plasticity.									
					of the layer.	Сн		I.						
1	493.97										048			
-					BASALT	-					-			
					VOLCANIC ROCK. XW:					8,8,10 N=18	SPT			
- 2			5		Grey to orange brown, moist, with the properties of a medium plasticity silty	XW		Ŧ			-			
-					clay.					8,12,17 N=29	SPT -			
	492.37				(fayalite)						-			
-3					FOSSIL SOIL (PALAEOSOL)	1-		-		14,23,28	SPT			
-					sandy clay. Contains iron conretions. Appears to be a fossil soil, ie		-	Ŧ		N=51				
	491.37				a soil formed from the underlying tuff which has been covered by the overlying									
-4					TUPP				Î	8,8,7	SPT 7			
-					ASH XW:			Į.	ľ	N≈15				
					Cream to pale yellow, moist, with the properties of a stiff to hard, medium									
- 5					Slight very fine sand content.									
-					Very homogeneous throughout the layer.			T			-			
-								Ŧ		4,5,8 N=13	SPT			
- 6														
-								+						
-7						XW				7,11,18				
-										N=29	3P1 -			
- 8														
-											-			
										9,18,24 N=42	SPT			
-9														
-														
10	A95 37							ŧ						
REMARKS :														

ENGINEERING

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R	Main Roads	ENGINEERING BORELOG FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998	BOREHOLE No : BH1 SHEET : 2 OF 3 REFERENCE No : H8781
PROJECT LOCATION PROJECT NO JOB NO	: 8 MILE INTERSECTION : Willowvale Road : C15733 :	WARWICK Ch 799 on M201 SURFACE R.L. : <u>495.37</u> DF DATUM : <u>AHD</u> DATE DF	X = 4610.904E, Y = 8128.668N RILLER : R&D Drilling RILLED : 21/8/2000
(m) H U U U U U U U U U U U U U U U U U U		MATERIAL OESCRIPTION	O ADDITIONAL DATA O AND I I TEST RESULTS I
	XW TUFF As above		14,22,28 SPT
-12			14,16,29 N=45
			9,18,21 N=39
-15		XW	8,16,24 N=40
-17			10,15,24 N-39
- 18			11,15,21 N=36
- 19 - 20 475.37			11,16,23 N=39

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	R	, Mai	n R	oads	ENGINE BORE	EF LC	RING G	i		BOREHOLE No : BH1 SHEET : .3 OF REFERENCE No : H8781	
		0 MT1	E INT	PROPTON	SYMBOLS REFER FORM	F:GEC	T 017/0-	1998]		L	
PRODEC LOCATI PROJEC JOB NO	ION : TNO :	Willa C1573	wvale	Road	SURFACE R.L. : 495. DATUM : AHD	37	Ch 799 d	n M201 DR DATE DR	X = ILLE	4610.904E, Y = 8128.668N SR : <u>R&D Drilling</u> SD : 21/8/2000	
06PTH (m)	1.L. (m) 75.37▼	CORE DRILLING CASING WASHBORING CO CASING WASHBORING	SAMPLE		MATERIAL DESCRIPTION	USC	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LDG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
- 21	74.37			XW TUFF As above.		XW				11,17.25 N=42	SPT
- 22				SANDSTONE SEDIMENTARY PARTICLES. HW: Grey, fine g Peat inclusi samples.	ROCK COMPOSED OF SAND SIZED rained, low strength. ons in the lower two SPT	нพ				15,24,30/130 N>50 30/140 N>50	SPT
- 25	70.12									25,30/100 N>50.	SPT
- 27					END OF HOLE						
- 30				<u> </u>						• • • • • • • • •	
REM	ARKS :	••••••••••••••••••••••••••••••••••••••							••••	LOGGED BY Jeff Kleindienst	

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