



RESIDUAL: LOOSE TO VERY DENSE, MOIST TO SATURATED, ORANGE, TAN, BROWN, GREENISH WHITE, AND WHITE, SLIGHTLY MICACEOUS, CLAYEY, SILTY, FINE TO COARSE SAND (A-2-4/A-3) WITH RELICT ROCK FABRIC AND ROCK FRAGMENTS (GRANITE)

RESIDUAL: MEDIUM STIFF TO VERY STIFF, MOIST TO SATURATED, RED, ORANGE, TAN, BLACK, BROWN, AND GREEN, FINE TO COARSE SANDY CLAY AND SILT (A-7-5/A-6/A-4) WITH RELICT ROCK FABRIC AND LENSES OF SOFT WEATHERED ROCK: DIABASE

HARD ROCK: DIABASE WITH LENSES OF HARD WEATHERED ROCK: DIABASE

RESIDUAL: TAN, CLAYEY, SILTY SAND (A-2-4) WITH RELICT ROCK FABRIC

SOFT WEATHERED ROCK: DIABASE WITH LENSES OF HARD ROCK: DIABASE

\* THICKNESS OF DIABASE DIKE IS UNKNOWN. IN THE AREA, DIKES ARE GENERALLY FOUND TO BE NEAR VERTICAL AND RARELY OVER TWO METERS THICK. WE ASSUME DIKE THICKNESS AT THE SITE TO BE 2 METERS.

SHEET NO.	TOTAL SHEETS
57	107

CROSS SECTION ALONG RIGHT LANE END BENT 1  
 SITE 1: DUAL STRUCTURES ON CLAYTON BYPASS (-L-) OVER WHITE OAK CREEK (AUSTIN POND)  
 NCDOT PROJECT No. 8.T311002 (R-2552AB)  
 F.A. PROJECT No. NHF-60-1(9)  
 JOHNSTON COUNTY, NORTH CAROLINA

MACTEC ENGINEERING & CONSULTING, INC.  
 RALEIGH, NORTH CAROLINA

REVISIONS	DRAWN:	R.R.	DATE:
			09/15/03

DFT CHECK:	M.B.L.	JOB:
		6468-03-0376

GEOL CHECK:	W.B.D.	DWG:
		20

