NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 6.469002T	ID. R-0513C	COUNTY ROBESON	GEOLOGIST M.H. STEPHENS
SITE DESCRIPTION SITE 2: BRIDGE ON -Y5- (SR 1207, HILLY BRANCH RD.) OVER -L- (PROP. US 74)			GROUND WATER
BORING NO. EB1-B	BORING LOCATION STA. 23+06.75	OFFSET 5.0m. RT	ALIGNMENT -Y5-	0 HR. N/M
COLLAR ELEVATION 43.44	NORTHING 93,712.734	EASTING 598,768.793	24 HR. 3.10m
TOTAL DEPTH 15.23	DRILL MACHINE MOBILE 53	DRILL METHOD MUD ROTARY	HAMMER TYPE MAN. 63.5kg
START DATE 4-25-01	COMPLETION DATE 4-25-01	SURFACE WATER DEPTH	DEPTH TO ROCK

ELEV.	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm 0 25 50 75 100	SAMP. NUM.	MOI.	LOG	SOIL AND ROCK DESCRIPTION
										34.30m 9.14m
34.00										Wet Dense to Medium Dense Gray and Tan Silty Fine to Coarse Sandy Shell Hash (A-1-b)
	10.21	15	11	11	0.45	22		W		
33.00										
										32.47m 10.97m
32.00										Wet Medium Dense Gray Clayey Fine SAND (A-2-4)
	11.73	7	8	9	0.45	17		W		
31.00										
										30.33m 13.11m
	13.26	9	15	19	0.45	34		M		Moist Hard Gray Silty Fine Sandy CLAY (A-6)
30.00										
29.00										
	14.78	7	14	18	0.45	32	SS-3	14.8%		
28.00	15.23					END OF BORING @ 15.23m Boring Terminated @ 28.21m. in Coastal Plain Soil (Black Creek Formation)				
27.00										
26.00										