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. EB2-A	BORING LOCATION STA. 23+84.30	OFFSET 5.0m. LT	ALIGNMENT -Y5-	0 HR. N/M
COLLAR ELEVATION 42.98	NORTHING 93,647.201	EASTING 598,726.582	24 HR. 1.70m
TOTAL DEPTH 18.28	DRILL MACHINE MOBILE 53	DRILL METHOD MUD ROTARY	HAMMER TYPE MAN. 63.5kg
START DATE 4-24-01	COMPLETION DATE 4-24-01	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
										33.84m — 9.14m
33.00	10.21	2	3	2	0.45	5		W		Moist to Wet Loose Tan Orange Silty Fine SAND (A-2-4)
32.00										31.70m — 11.28m
	11.73	7	12	14	0.45	26		M		Moist Medium Dense Tan Slightly Silty Fine to Coarse SAND (A-2-4)
31.00										
30.00										30.00m — 12.98m
	13.26	7	11	16	0.45	27		M		Moist Medium Dense Gray Slightly Clayey Silty Fine SAND (A-2-4)
29.00										28.78m — 14.20m
	14.78	17	31	23	0.45	54		M		Moist Very Dense Gray Slightly Clayey Silty Fine to Coarse SAND (A-2-4)
28.00										
27.00										26.98m — 16.00m
	16.31	14	18	19	0.45	37	SS-7	M		Moist Dense Gray Slightly Clayey Silty Fine to Coarse SAND (A-2-4)
26.00										25.79m — 17.19m
	17.83	12	22	26	0.45	48		M		Moist Hard Dark Gray Silty CLAY (A-7-5)
25.00										
	18.28									END OF BORING @ 18.28m Boring Terminated @ 24.70m. in Coastal Plain Soil (Black Creek Formation)