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 1: -Y1- (SR 1164 BACK SWAMP ROAD) OVER -L- (PROP. US 74)			GROUND WATER
BORING NO. EB1-A	BORING LOCATION STA. 13+68.75	OFFSET 7.40m. LT	ALIGNMENT -Y1-	0 HR. N/M
COLLAR ELEVATION 40.79	NORTHING 94,090.482	EASTING 597,370.801	24 HR. 2.60
TOTAL DEPTH 15.24m.	DRILL MACHINE MOBILE 53	DRILL METHOD MUD ROTARY	HAMMER TYPE MAN. 63.5kg
START DATE 4/20/01	COMPLETION DATE 4/20/01	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
										31.65m 9.14m
31.00										Moist Medium Dense to Dense Tan Fine to Coarse SAND With Silt (A-2-4)
	10.21	8	13	18	0.45	31		M		
30.00										29.82m 10.97m
										Wet Hard Gray Fine Sandy Silty CLAY (A-7-6)
29.00	11.73	15	18	25	0.45	43	SS-1	33.0%		
28.00										27.99m 12.80m
	13.26	7	8	9	0.45	17		M		Moist Medium Dense Fine SAND With Clay (A-2-4)
27.00										
26.00	14.78	8	10	13	0.45	23		M		
	15.24					END OF BORING @ 15.24m Boring Terminated @ 25.55m in Coastal Plain Soils Black Creek Formation				
25.00										
24.00										
23.00										