



PROJECT NO. 6.469002T		ID. R-0513C		COUNTY Robeson		GEOLOGIST D. Goodnight							
SITE DESCRIPTION Dual Structures on -L- (Proposed Us 74) Over -Y2- (I-95)						GROUND WATER (m)							
BORING NO. EB2-B (RL)		BORING LOCATION 278+11.0		OFFSET 33.0 m RT		ALIGNMENT -L-							
COLLAR ELEV. 42.18 m		NORTHING 93,510.7		EASTING 599,432.7		0 HR. NM							
TOTAL DEPTH 28.91 m		DRILL MACHINE CME-55 ATV		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.							
DATE STARTED 4/28/01		COMPLETED 4/28/01		SURFACE WATER DEPTH									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80	100			
42.18													Ground Surface Elev. 42.18
42	1.07	4	8	10								M	Coastal Plain (Black Creek Formation): Medium Dense, Moist, Light Gray, Clayey Fine SAND (A-2-4)
40	2.59	3	3	5								M	Medium Stiff, Moist, Gray, Fine Sandy CLAY (A-6)
38	4.12	2	2	2								W	Very Loose to Loose, Wet, Light Gray to Dark Gray, Clayey Fine SAND (A-2-4)
36	5.64	4	3	2								W	
34	7.16	1	1/30									W	
32	8.69	WOH	3	2								W	Loose to Medium Dense, Wet, Gray, Clayey Fine to Medium SAND Wood Debris and lignite (A-2-4)
30	10.21	3	2	4								W	
28	11.74	6	6	9								W	
26	13.26	6	10	12								M	Very Stiff, Moist, Gray, Fine Sandy Clayey SILT (A-4)
24	14.79	15	16	19								M	Dense, Moist to Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	16.31	12	16	20								W	
	17.84	9	13	17								M	Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)



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DATE STARTED 4/28/01		COMPLETED 4/28/01		SURFACE WATER DEPTH									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80	100			
23.18													Continued from previous page
22	19.36	12	15	15								M	
20	20.88	11	13	23								W	Medium Dense to Very Dense, Wet, Gray, Clayey Fine SAND (A-2-4)
18	22.41	13	15	16								W	
16	23.93	6	11	17								W	
14	25.46	18	27	35								W	
	26.98	14	15	25								M	Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
	28.51	37	53	47/100								M	Very Dense, Moist, Gray, Clayey Medium SAND (A-2-4)
												M	Boring Terminated at 28.91 m (Elev. 13.27) in Clayey Medium SAND

TEC-NC DOT_BORE_NEW_01101042.GPJ NCDOT2.GDT 5/25/01

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