



PROJECT NO. 6.469002T		ID. R-0513C		COUNTY Robeson		GEOLOGIST D. Goodnight							
SITE DESCRIPTION Structure on -Y3- (US 74) over -Y2- (I-95)						GROUND WATER (m)							
BORING NO. B1-A		BORING LOCATION 17+40.7		OFFSET 9.6 m LT		ALIGNMENT -Y3-							
COLLAR ELEV. 40.06 m		NORTHING 94,407.3		EASTING 600,127.9		0 HR. NM							
TOTAL DEPTH 35.87 m		DRILL MACHINE CME-55 ATV		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.							
DATE STARTED 5/1/01		COMPLETED 5/1/01		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
40.06					Ground Surface Elev. 40.06								0.00
	0.46	6	7	6							M	Roadway Embankment: Medium Dense, Moist, Brown, Fine to Medium SAND (A-2-4)	1.44
	1.98	WOH	2	3							SS-2	Coastal Plain (Black Creek Formation): Loose, Moist, Gray, Clayey Fine SAND (A-2-6)	2.96
	3.50	3	2	7							W	Very Loose to Medium Dense, Moist to Wet, Gray to Brown, Clayey Fine to Coarse SAND with Wood Debris, Organic Debris, and Pyrite (A-2-4)	
	5.02	1	2	1							W	NOTE: Casing installed to 5.18 m	
	6.54	5	5	7							W		
	8.06	3	3	6							M		
	9.58	6	10	13							M	Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)	9.50
	11.10	7	10	13							M		
	12.62	15	16	22							M	Dense, Moist, Gray, Clayey Fine to Medium SAND (A-1-b)	12.08
	14.14	14	15	16							SS-10		
	15.66	12	19	18							M	Very Stiff to Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)	15.12
	17.18	11	16	19							M	Note: With Pyrite fragments Beginning at 27.82	
	18.70										M		



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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
21.06					Continued from previous page								
	20.22	14	18	29							M		
	21.74	13	18	24							M		
	23.26	11	15	19							M		
	24.78	10	14	20							M		
	26.30	7	8	12							M		
	27.82	6	6	11							M		
	29.34	10	23	20							M		
	30.86	13	21	33							M		
	32.38	30	28	32							M		
	33.90	12	31	36							M		
	35.42	11	16	16							W		
													9.74
													32.32
													Very Dense, Moist to Wet, Gray, Micaceous, Clayey Fine to Medium SAND (A-2-4)
													4.19
													Boring Terminated at 35.87 m (Elev. 4.19) in Clayey Fine to Medium SAND

TEC-NC DOT_BORE_NEW_0110143.GPJ_NCDOT2.GDT_6/13/01

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