



TRIGON ENGINEERING CONSULTANTS, INC.
BORING LOG

SHEET 1 OF 2

PROJECT NO. 6.469002T		ID. R-0513C		COUNTY Robeson		GEOLOGIST D. Teague								
SITE DESCRIPTION Structure on -Y3- (US 74) over -Y2- (I-95)						GROUND WATER (m)								
BORING NO. EB1-A		BORING LOCATION 17+01.0		OFFSET 8.8 m LT		ALIGNMENT -Y3-								
COLLAR ELEV. 46.68 m		NORTHING 94,225.3		EASTING 600,092.7		0 HR. NM								
TOTAL DEPTH 27.44 m		DRILL MACHINE CME-55 TM		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.								
DATE STARTED 5/2/01		COMPLETED 5/2/01		SURFACE WATER DEPTH										
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm	0	20	40	60	80				100	
46.68					Ground Surface Elev. 46.68							46.68	0.00	
	1.07	18	17	14								M	Roadway Embankment: Very Loose to Dense, Moist to Wet, Tan, Fine to Medium SAND (A-3)	
	2.59	4	2	4								M		
	4.12	3	2	3								M		
	5.64	2	1	2								W		
	7.16	3	3	7							SS-5	W		
	8.69	1	3	2								W	Coastal Plain (Black Creek Formation): Medium Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)	
	10.21	20	24	21								W	Dense, Wet, Gray, Fine to Medium SAND (A-2-4)	
	11.74	3	2	2								W	Very Loose to Medium Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)	
	13.26	7	7	7								W		
	14.79	7	6	7								W		
	16.31	9	13	14								W		
	17.84	12	12	15								M	Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)	



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SITE DESCRIPTION Structure on -Y3- (US 74) over -Y2- (I-95)						GROUND WATER (m)							
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TOTAL DEPTH 27.44 m		DRILL MACHINE CME-55 TM		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.							
DATE STARTED 5/2/01		COMPLETED 5/2/01		SURFACE WATER DEPTH									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
	19.36	7	8	10								M	Continued from previous page
	20.88	11	13	14								M	Medium Dense to Dense, Moist, Gray, Fine to Medium SAND (A-2-4)
	22.41	16	18	28								M	
	23.93	19	21	26								M	
	25.46	13	14	19								M	Very Stiff to Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
	26.98	11	12	15								M	
	19.24											M	Boring Terminated at 27.44 m (Elev. 19.24) in Fine Sandy CLAY

TEC-NC DOT_BORE_NEW 0110143.GPJ NCDOT2.GDT 6/13/01

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