TRIGON ENGINEERING CONSULTANTS, INC.
BORING LOG

SHEET 1 OF 2

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. B2-B (RL)	**BORING LOCATION** 277+45.5	**OFFSET** 33.0 m RT	**ALIGNMENT** -L-	**0 HR.** NM
COLLAR ELEV. 43.21 m	**NORTHING** 93,523.3	**EASTING** 599,365.5		**24 HR.** 1.67
TOTAL DEPTH 35.04 m	**DRILL MACHINE** CME-55 ATV	**DRILL METHOD** 98 mm Tricone	**HAMMER TYPE** 63.5 kg Man.	
DATE STARTED 4/20/01	**COMPLETED** 4/21/01	**SURFACE WATER DEPTH**		

ELEV. (m)	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	BLOWS PER 30 CM 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
43.21					Ground Surface Elev. 43.21				43.21 0.00
							M		Coastal Plain (Black Creek Formation): Medium Stiff to Stiff, Moist, Gray, Fine Sandy Clayey SILT (A-4)
42	1.07	2	2	3	5				
	2.59	3	4	5	9		M		
40	4.12	3	3	5	8				
	5.64	4	3	4	7		W		38.11 5.10
									Very loose to Loose, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
36	7.16	1	2	3	5		W		
	8.69	1	1/30		1		W		
34	10.21	1/30		2	2		W		32.01 11.20
	11.74	5	5	8	13		M		Stiff to Hard, Moist, Gray, Fine Sandy Clayey SILT (A-5)
32	13.26	6	11	14	25	SS-9	22.9		
	14.79	12	17	20	37		M		27.43 15.78
30	16.31	12	27	34	61		M		Very Dense, Moist to Wet, Gray and Tan, Fine to Medium SAND (A-2-4)
	17.84	16	24	31	55	SS-12	M		
28									
26									

EC-NCDOT_BORE_NEW 01101042.GPJ NCDOT2.GDT 5/25/01

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SHEET 2 OF 2

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DATE STARTED 4/20/01	**COMPLETED** 4/21/01	**SURFACE WATER DEPTH**		

ELEV. (m)	DEPTH (m)	BLOW COUNT 15cm	15cm	15cm	BLOWS PER 30 CM 0 20 40 60 80 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
24.21					Continued from previous page				
24	19.36	19	28	26	54		W		22.86 20.35
	20.88	9	13	20	33		M		Very Stiff to Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
22	22.41	13	14	18	32		M		
20	23.93	12	14	15	29		M		
	25.46	6	7	11	18		M		16.77 26.44
18	26.98	10	13	11	24		W		Medium Dense, Wet, Gray, Clayey Medium SAND (A-2-4)
	28.51	7	10	11	21		M		15.93 27.28
16	30.03	6	9	13	22		M		Very Stiff, Moist, Dark Gray, Fine Sandy CLAY (A-7-6)
14	31.55	14	15	42	57		M		12.19 31.02
	33.07	27	36	35	71		W		Very Dense, Moist to Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
12	34.59	7	9	11	20		M		9.15 34.06
10									Very Stiff, Moist, Gray, Fine Sandy CLAY with Lignite and Wood Debris (A-7-6)
									8.17 35.04
									Boring Terminated at 35.04 m (Elev. 8.17) in Fine Sandy CLAY

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