TRIGON ENGINEERING CONSULTANTS, INC.
BORING LOG

SHEET 1 OF 2

PROJECT NO. 6.469002T	**ID.** R-0513C	**COUNTY** Robeson	**GEOLOGIST** D. Teague
SITE DESCRIPTION Dual Structures on -L- (Proposed Us 74) Over -Y2- (I-95)			**GROUND WATER (m)**
BORING NO. B2-B (LL)	**BORING LOCATION** 277+74.8	**OFFSET** 8.7 m LT	**ALIGNMENT** -L-	**0 HR.** NM
COLLAR ELEV. 43.49 m	**NORTHING** 93,559.2	**EASTING** 599,404.9		**24 HR.** 1.67
TOTAL DEPTH 33.52 m	**DRILL MACHINE** CME-55 ATV	**DRILL METHOD** 98 mm Tricone	**HAMMER TYPE** 63.5 kg Man.	
DATE STARTED 4/16/01	**COMPLETED** 4/17/01	**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
43.49					Ground Surface Elev. 43.49				43.49 0.00 Coastal Plain (Black Creek Formation): Stiff, Moist, Tan and Dark Gray to Light Gray, Fine Sandy Clayey SILT (A-4)
42	1.07	4	5	5	10		M		
	2.59	3	4	6	10		M		39.91 3.58 Medium Stiff, Wet, Tan and Gray to Dark Gray, Fine Sandy Clayey SILT (A-5)
40	4.12	3	4	3	7		W		
	5.64	2	2	2	4		W		36.86 6.63 Loose to Medium Dense, Wet, Gray, Clayey Fine to Medium SAND with Shells (A-2-4)
38	7.16	3	2	3	5		W		
	8.69	6	8	7	15		W		33.81 9.68 Medium Dense, Moist, Gray, Clayey Fine SAND with Gravel (A-2-4)
36	10.21	10	13	15	28		M		
	11.74	12	19	25	44		W		32.29 11.20 Medium Dense to Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
34	13.26	7	11	16	27		W		
	14.79	13	20	23	43		M		29.69 13.80 Hard, Moist, Gray, Fine to Medium Sandy CLAY (A-7-6)
32	16.31	18	31	38	69		M		
	17.84	20	25	25	50		M		24.67 18.82

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 4/16/01	**COMPLETED** 4/17/01	**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
24.49					Continued from previous page				
24	19.36	19	18	23	41		W		Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	20.88	13	15	17	32		M		23.14 20.35 Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
22	22.41	9	14	19	33		M		
	23.93	15	21	27	48		W		20.09 23.40 Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
20	25.46	15	20	18	38		W		
	26.98	16	14	16	30		M		16.21 27.28 Very Stiff, Moist, Gray, Fine to Medium Sandy CLAY (A-7-6)
18	28.51	9	11	15	26		M		
	30.03	12	17	20	37		M		14.00 29.49 Dense to Very Dense, Moist, Gray, Micaceous, Clayey Fine SAND (A-2-4)
16	31.55	27	27	29	56		M		
	33.07	6	8	12	20		M		10.95 32.54 Very Stiff, Moist, Dark Gray, Fine Sandy CLAY with Pyrite Fragments (A-7-6)
14									9.97 33.52 Boring Terminated at 33.52 m (Elev. 9.97) in Fine Sandy CLAY

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