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. B1-A (LL)	**BORING LOCATION** 277+60.0	**OFFSET** 33.0 m LT	**ALIGNMENT** -L-	**0 HR.** NM
COLLAR ELEV. 44.06 m	**NORTHING** 93,586.8	**EASTING** 599,396.4		**24 HR.** 2.31
TOTAL DEPTH 32.00 m	**DRILL MACHINE** CME-55 ATV	**DRILL METHOD** 98 mm Tricone	**HAMMER TYPE** 63.5 kg Man.
DATE STARTED 4/21/01	**COMPLETED** 4/23/01	**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
44.06					Ground Surface Elev. 44.06				44.06 0.00
	1.07	5	6	6	12		M		Roadway Embankment: Medium Dense, Moist, Dark Gray, Clayey Fine SAND (A-2-4)
42	2.59	2	3	4	7		M		42.00 2.06 Coastal Plain (Black Creek Formation): Medium Stiff, Moist, Gray, Fine Sandy Clayey SILT (A-4)
40	4.12	1	1	1	2		W		40.48 3.58 Very Loose to Loose, Wet, Gray, Clayey Fine SAND with Shells Beginning at 6.63 m (A-2-4)
	5.64	2	2	3	5		W		
38	7.16	WOH	WOH	WOH	0		W		
	8.69	6	7	8	15		W		35.90 8.16 Medium Dense to Dense, Wet, Gray, Clayey Fine to Medium SAND with Shells and Gravel (A-2-4)
36	10.21	12	17	16	33		W		
	11.74	5	8	10	18		W		
34	13.26	7	6	7	13		W		29.80 14.26 Hard, Moist, Gray, Fine to Medium Sandy Clayey SILT (A-5)
	14.79	13	19	25	44		M		
32	16.31	20	27	31	58		M		26.76 17.30 Dense, Moist to Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	17.84	18	19	25	44		M		

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 4/21/01	**COMPLETED** 4/23/01	**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
25.06					Continued from previous page				
	19.36	18	21	21	42		W		23.71 20.35 Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
24	20.88	14	18	21	39		M		
22	22.41	14	20	24	44		M		
	23.93	16	20	22	42		M		
20	25.46	13	16	24	40		M		
	26.98	14	21	27	48		M		
18	28.51	12	19	21	40		M		
	30.03	12	18	24	42		M		
16	31.55	11	15	17	32		M		12.06 32.00 Boring Terminated at 32.00 m (Elev. 12.06) in Fine Sandy CLAY

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