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-B (RL)	**BORING LOCATION** 277+13.0	**OFFSET** 33.0 m RT	**ALIGNMENT** -L-	**0 HR.** NM
COLLAR ELEV. 44.24 m	**NORTHING** 93,530.3	**EASTING** 599,334.4		**24 HR.** 2.01
TOTAL DEPTH 35.04 m	**DRILL MACHINE** CME-55 ATV	**DRILL METHOD** 98 mm Tricone	**HAMMER TYPE** 63.5 kg Man.
DATE STARTED 4/24/01	**COMPLETED** 4/24/01	**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
44.24					Ground Surface Elev. 44.24				44.24 0.00
44	1.07	9	8	6	14		M		Roadway Embankment: Medium Dense, Moist, Gray and Orange, Clayey Fine to Medium SAND (A-2-4)
42	2.59	2	3	5	8		M		40.66 3.58
40	4.12	5	4	5	9		M		Coastal Plain (Black Creek Formation): Very Loose to Loose, Moist to Wet, Gray and Orange to Gray, Clayey Fine SAND (A-2-4)
38	5.64	2	2	1	3		W		
36	7.16	1	1	1	2		W		
34	8.69	WOH	1	1	2		W		34.56 9.68
32	10.21	10	11	8	19		W		Medium Dense, Wet, Gray, Clayey Fine to Medium SAND with Shells (A-2-4)
30	11.74	8	15	18	33		M		33.04 11.20
28	13.26	6	7	10	17		M		Hard, Moist, Gray, Fine to Medium Sandy Clayey SILT (A-5)
26	14.79	6	12	19	31		M		31.51 12.73
24	16.31	9	13	15	28		M		Medium Dense, Moist, Gray, Clayey Fine to Medium SAND (A-2-4)
22	17.84	13	17	22	39		M		29.98 14.26
									Very Stiff to Hard, Moist, Gray to Tan and Gray, Fine Sandy CLAY (A-7-6)
									25.42 18.82

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

TRIGON ENGINEERING CONSULTANTS, INC.
BORING LOG

SHEET 2 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-B (RL)	**BORING LOCATION** 277+13.0	**OFFSET** 33.0 m RT	**ALIGNMENT** -L-	**0 HR.** NM
COLLAR ELEV. 44.24 m	**NORTHING** 93,530.3	**EASTING** 599,334.4		**24 HR.** 2.01
TOTAL DEPTH 35.04 m	**DRILL MACHINE** CME-55 ATV	**DRILL METHOD** 98 mm Tricone	**HAMMER TYPE** 63.5 kg Man.
DATE STARTED 4/24/01	**COMPLETED** 4/24/01	**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
25.24					Continued from previous page				Dense, Moist, Gray, Micaceous, Clayey Fine SAND (A-2-4)
24	19.36	9	14	17	31		M		23.89 20.35
22	20.88	11	14	18	32		M		Very Stiff to Hard, Moist, Gray and Tan to Gray, Fine Sandy CLAY (A-7-6)
20	22.41	8	10	12	22		M		20.84 23.40
18	23.93	16	18	26	44		M		Dense, Moist, Gray, Clayey Fine SAND (A-2-4)
16	25.46	7	11	14	25		M		19.32 24.92
14	26.98	11	16	19	35		W		Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)
12	28.51	8	11	16	27		M		17.80 26.44
10	30.03	9	11	16	27		M		Dense, Wet, Gray, Clayey Medium SAND (A-2-4)
	31.55	5	11	34	45		W		16.26 27.98
	33.07	29	36	41	77		W		Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)
	34.59	21	24	24	48		M		13.22 31.02
									Dense to Very Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
									10.18 34.06
									Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
									9.20 35.04
									Boring Terminated at 35.04 m (Elev. 9.20) in Fine Sandy CLAY

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