TRIGON ENGINEERING CONSULTANTS, INC.
BORING LOG

PROJECT NO. 6.469002T	**ID.** R-0513C	**COUNTY** Robeson	**GEOLOGIST** D. Goodnight
SITE DESCRIPTION Structure on -Y3- (US 74) over -Y2- (I-95)			**GROUND WATER (m)**
BORING NO. B1-B	**BORING LOCATION** 17+38.7	**OFFSET** 4.0 m RT	**ALIGNMENT** -Y3-	**0 HR.** NM
COLLAR ELEV. 40.06 m	**NORTHING** 94,397.4	**EASTING** 600,119.6		**24 HR.** 2.53
TOTAL DEPTH 34.74 m	**DRILL MACHINE** CME-55 ATV	**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 15cm	15cm	15cm	BLOWS PER 30 CM (0 20 40 60 80 100)	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
40.06					Ground Surface Elev. 40.06				40.06 — 0.00
	0.77	2	1	2	3		M		Roadway Embankment: Very Loose, Moist, Gray and Orange, Clayey Fine to Medium SAND (A-2-4)
38	2.29	11	15	17	32				38.30 — 1.76
	3.82	10	7	12	19		M		Coastal Plain (Black Creek Formation): Very Loose to Dense, Moist to Wet, Gray, Clayey Fine to Coarse SAND (A-2-4)
36	5.34	1	1	2	3		W		NOTE: Casing installed to 2.44 m
34	6.86	7	7	10	17	SS-5	W		
32	8.39	4	5	6	11		M		32.20 — 7.86
	9.91	10	17	19	36		M		Stiff to Hard, Moist, Gray, Fine Sandy CLAY with Organic Debris and Pyrite (A-7-6)
30	11.44	12	17	21	38		M		29.16 — 10.90
28	12.96	11	14	13	27		M		Medium Dense to Dense, Moist, Gray, Clayey Fine to Medium SAND (A-1-b)
26	14.49	8	11	14	25		M		24.58 — 15.48
	16.01	8	11	13	24		M		Very Stiff to Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
22	17.54	11	13	23	36		M		

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21.06					Continued from previous page				
	19.06	11	13	18	31		M		
20	20.58	13	20	27	47		M		
18	22.11	10	15	20	35		M		
	23.63	12	15	18	33		M		
16	25.16	12	15	17	32				
14	26.68	7	10	11	21		M		
12	28.21	9	11	13	24		M		10.86 — 29.20
	29.73	28	34	31	65		M		Very Dense, Moist, Gray, Micaceous, Clayey, Fine to Medium SAND (A-2-4)
10	31.25	31	37	46	83		M		
8	32.77	40	53	47/13	100/28		M		
6	34.29	17	21	29	50		M		5.32 — 34.74
									Boring Terminated at 34.74 m (Elev. 5.32) in Clayey Fine to Medium SAND