



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. B3-B (RL)		BORING LOCATION 277+88.0		OFFSET 33.0 m RT		ALIGNMENT -L-							
COLLAR ELEV. 44.98 m		NORTHING 93,516.2		EASTING 599,410.2		0 HR. NM							
TOTAL DEPTH 35.04 m		DRILL MACHINE CME-55 ATV		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.							
DATE STARTED 4/27/01		COMPLETED 4/28/01		SURFACE WATER DEPTH									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
44.98													Ground Surface Elev. 44.98
	1.07	14	16	18									Roadway Embankment: Dense, Moist, Orange and Gray, Clayey Fine SAND (A-2-4)
	2.59	1/30	0	1									Coastal Plain (Black Creek Formation): Very Soft to Stiff, Moist, Gray and Tan, Fine Sandy CLAY (A-6)
	4.12	3	4	6									Very Loose to Medium Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	5.64	2	4	3									
	7.16	3	4	6									
	8.69	2	4	6									
	10.21	WOH	WOH	WOH									
	11.74	2	3	6									
	13.26	4	3	4									
	14.79	6	6	10									
	16.31	8	13	15									
	17.84	17	25	30									



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TOTAL DEPTH 35.04 m		DRILL MACHINE CME-55 ATV		DRILL METHOD 98 mm Tricone		HAMMER TYPE 63.5 kg Man.							
DATE STARTED 4/27/01		COMPLETED 4/28/01		SURFACE WATER DEPTH									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
	19.36	15	20	20									Continued from previous page
	20.88	11	11	15									Very Stiff, Moist, Gray, Fine Sandy CLAY (A-7-6)
	22.41	7	11	9									Medium Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	23.93	11	15	17									Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
	25.46	6	11	15									Medium Dense, Moist, Gray, Micaceous, Clayey Fine SAND (A-2-4)
	26.98	6	10	13									
	28.51	8	10	14									Very Stiff to Hard, Moist, Gray, Fine Sandy CLAY (A-7-6)
	30.03	11	15	25									
	31.55	23	30	32									Very Dense, Wet, Gray, Clayey Fine to Medium SAND (A-2-4)
	33.07	24	30	38									
	34.59	20	24	27									
													Boring Terminated at 35.04 m (Elev. 9.94) in Clayey Fine to Medium SAND

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