



PROJECT NO. 6.469002T		ID. R-0513C		COUNTY Robeson		GEOLOGIST Charles Ray							
SITE DESCRIPTION Bridge on -Y3- (US 74) over -L- (proposed US 74)							GROUND WATER (m)						
BORING NO. EB1-A		BORING LOCATION 33+044.3		OFFSET 11.4m LT		ALIGNMENT -Y3-		0 HR. 0.52					
COLLAR ELEV. 41.16 m		NORTHING 935,541.8		EASTING 601,439.4				24 HR. 0.41					
TOTAL DEPTH 16.66 m		DRILL MACHINE 45B-ATV		DRILL METHOD Mud Rotary		HAMMER TYPE Manual							
DATE STARTED 4/5/01		COMPLETED 4/5/01		SURFACE WATER DEPTH NA									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
41.16	0.00												Ground Surface
40.25	0.91	1	1	2							SS-4	M	Dark Brown, SILTY, fine, moderately sorted SAND. R.C.P.
39.06	2.10	4	8	8									Light gray, tan, and red, mottled, SILTY, fine, moderately sorted SAND. Grades into a CLAYEY SAND. DUPLIN FORMATION.
38.54	2.62	5	6	8									
37.11	4.05	1	2	2									
35.59	5.57	2	2	2							SS-5	Sat.	
34.07	7.09	6	5	9									
32.55	8.61	7	10	11									Tan/orange with light gray layers, SILTY, fine to med., moderately sorted SAND.
31.03	10.13	7	8	6									
29.51	11.65	8	11	12									
27.99	13.17	16	16	18									
26.47	14.69	8	13	8									Tan, fine to med., moderately sorted SAND.
24.95	16.21	9	12	14									Gray, very stiff, SILTY, CLAY with cse. sand size qtz. fragments.
													Boring Terminated at Elevation 24.50 m in a gray, very stiff, SILTY CLAY with cse. sand size qtz. fragments. DUPLIN FORMATION

NCDOT BORE DOUBLE 201-020.GPJ NC DOT.GDT 5/2/01



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SITE DESCRIPTION Bridge on -Y3- (US 74) over -L- (proposed US 74)							GROUND WATER (m)						
BORING NO. EB1-B		BORING LOCATION 33+035.6		OFFSET 11.4m RT		ALIGNMENT -Y3-		0 HR. 0.81					
COLLAR ELEV. 41.29 m		NORTHING 93,535.5		EASTING 601,417.0				24 HR. 0.55					
TOTAL DEPTH 16.93 m		DRILL MACHINE 45B-ATV		DRILL METHOD Mud Rotary		HAMMER TYPE Manual							
DATE STARTED 4/4/01		COMPLETED 4/4/01		SURFACE WATER DEPTH NA									
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	0	20	40	60	80				100
41.29	0.00												Ground Surface
40.38	0.91	1	2	1									Brown and tan, SILTY, fine, moderately sorted SAND. R.C.P.
39.92	1.37	2	5	7									Tan, gray, and light gray, SILTY, fine to med., moderately sorted SAND. DUPLIN FORMATION.
38.70	2.59	5	8	7									
36.97	4.32	2	2	1							SS-6	Sat.	
35.45	5.84	WOH	1	1									Tan, light gray, red, orange, and purple, mottled, SILTY/CLAYEY, fine to med., moderately sorted SAND.
33.93	7.36	1	2	1									
32.41	8.88	6	11	11									
30.89	10.40	7	10	10									Orange, fine to med., moderately sorted SAND. Grades into a tan, SILTY, fine to med., moderately sorted SAND.
29.37	11.92	4	7	6									
27.88	13.41	2	16	11									Gray, SILTY CLAY with wood fragments.
26.33	14.96	31	37	33							SS-7	Sat.	Orange, med. to very cse., moderately sorted SAND. Grades into light tan, med. to cse., moderately sorted, SAND with gravel size qtz. fragments.
24.81	16.48	6	7	8									Gray, very stiff, SILTY CLAY with sand size qtz. fragments.
		6	10	11									Boring Terminated at Elevation 24.36 m in a gray, very stiff, SILTY CLAY with sand size qtz. fragments. DUPLIN FORMATION