



PROJECT NO. 6.469002T		ID. R-0513C		COUNTY Robeson		GEOLOGIST Charles Ray								
SITE DESCRIPTION Bridge on -Y4- (SR 2413) over -L- (US 74)						GROUND WATER (m)								
BORING NO. B1-A		BORING LOCATION 14+005.6		OFFSET 21.4m LT		ALIGNMENT -Y4-								
						0 HR.	1.18							
COLLAR ELEV. 41.58 m		NORTHING 93,183.1		EASTING 603,330.7		24 HR.								
TOTAL DEPTH 16.57 m		DRILL MACHINE D-50		DRILL METHOD Mud Rotary		HAMMER TYPE Manual								
DATE STARTED 3/27/01		COMPLETED 3/27/01		SURFACE WATER DEPTH NR										
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	
41.58	0.00				GROUND SURFACE							41.58	0.00	
40.51	1.07	2	7	7	Tan, SILTY, fine, moderately sorted SAND. (ROADWAY EMBANKMENT)						M	40.36	1.22	
39.75	1.83	1	2	4	Gray, soft, SILTY, fine to med., SANDY, moderately sorted CLAY. DUPLIN FORMATION						M	39.30	2.28	
39.29	2.29	5	6	10							M			
		5	7	8							Sat.			
37.62	3.96										Sat.			
36.10	5.48	1	1	2							Sat.			
		2	3	2							Sat.			
34.58	7.00										Sat.	34.78	6.80	
		1	1	1							Sat.			
33.06	8.52	5	6	7							Sat.			
31.54	10.04										Sat.			
		5	4	5							Sat.			
30.02	11.56	9	12	16							M	30.28	11.30	
28.50	13.08	17	23	25							M			
26.98	14.60	10	14	19							M	27.08	14.50	
25.46	16.12	10	14	19							M			
											M	25.01	16.57	
Boring Terminated at Elevation 25.01 m in gray very stiff, CLAYEY SILT w/ med. cse. fragments of qtz., and mica. Duplin Formation.														

NCDOT BORE DOUBLE 201-021.GPJ NC_DOT.GDT 4/27/01

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SITE DESCRIPTION Bridge on -Y4- (SR 2413) over -L- (US74)						GROUND WATER (m)								
BORING NO. B1-B		BORING LOCATION 13+093.9		OFFSET 21.4m RT		ALIGNMENT -Y4-								
						0 HR.	1.39							
COLLAR ELEV. 41.82 m		NORTHING 93,204.6		EASTING 603,291.9		24 HR.								
TOTAL DEPTH 16.57 m		DRILL MACHINE D-50		DRILL METHOD Mud Rotary		HAMMER TYPE Manual								
DATE STARTED 3/27/01		COMPLETED 3/27/01		SURFACE WATER DEPTH NR										
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	
41.82	0.00				GROUND SURFACE							41.82	0.00	
40.91	0.91	4	8	10	Tan, SILTY, fine, moderately sorted SAND. (ROADWAY EMBANKMENT)						M	40.76	1.06	
40.30	1.52	2	1	2	Gray, tan, soft, SILTY CLAY. DUPLIN FORMATION						M	39.52	2.30	
39.39	2.43	1	2	2							SS-06			
		3	9	8							M			
37.86	3.96										Sat.			
36.34	5.48	1	2	3							Sat.			
		4	5	5							SS-07			
34.82	7.00										Sat.			
		4	5	3							Sat.	33.82	8.00	
33.30	8.52	1	3	5							Sat.			
31.78	10.04										Sat.			
		4	5	5							SS-08			
30.26	11.56	7	10	14							M	30.82	11.00	
28.74	13.08	20	22	30							M			
27.22	14.60	19	18	22							M	27.32	14.50	
25.70	16.12	14	14	17							SS-09	26.32	15.50	
											M	25.25	16.57	
Boring Terminated at Elevation 25.25 m in dark gray to tan, fine grained CLAYEY SILT w/sand. Duplin Formation.														