

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2261301	ID. B-3884	COUNTY ONSLOW	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1308 OVER SQUIRES RUN			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 14+30	OFFSET 16.0' RT.	ALIGNMENT -L-
COLLAR ELEVATION 24.7'	NORTHING 0.00	EASTING 0.00	
TOTAL DEPTH 59.7'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 12/17/02	COMPLETION DATE 12/17/02	SURFACE WATER DEPTH	

ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0-5	5-10	10-15		0	25	50	75			
24.7	0.0	2	2	3	1	X5						TAN-BROWN FINE TO COARSE SAND, MOI. (FILL)
20.0	4.2	5	5	5	1	X10						TAN FINE SAND, MOI. TO SAT. (ALLUVIUM)
15.0	8.2	5	4	1	1	X5						
10.0	13.2	1	2	2	1	X4						
5.0	18.2	7	10	11	1	X21						
0.0	23.2	9	10	13	1	X23					SS-6	
-5.0	28.2	1	2	2	1	X4						
-10.0	33.2	21	68	32	0.7				100+		SS-7	GREEN-GRAY FINE SAND, SAT. (PEEDEE FORMATION)
-15.0	38.2	5	7	13	1	X20						
-20.0	43.2	8	15	27	1	X42						
-25.0	48.2	18	51	49	0.8				100+		SS-8	
-30.0	53.2	7	11	14	1	X25						
-35.0	58.2	4	5	6	1	X11					SS-9	
BORING TERMINATED AT ELEV. -35.0' IN MEDIUM DENSE FINE SAND												

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2261301	ID. B-3884	COUNTY ONSLOW	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1308 OVER SQUIRES RUN			GROUND WATER
BORING NO. BI-A	BORING LOCATION 14+73	OFFSET 8.0' LT.	ALIGNMENT -L-
COLLAR ELEVATION 20.0'	NORTHING 0.00	EASTING 0.00	
TOTAL DEPTH 54.3'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 12/18/02	COMPLETION DATE 12/18/02	SURFACE WATER DEPTH	

ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0-5	5-10	10-15		0	25	50	75			
20.0	0.0	1	1	1	1	X2						TAN FINE SAND, MOI. TO SAT. (ALLUVIUM)
15.0	4.2	1	1	1	1	X2					SS-14	
10.0	7.8	6	8	8	1	X16					SS-15	
5.0	12.8	10	12	16	1	X28						
0.0	17.8	7	12	14	1	X26						
-5.0	22.8	4	3	2	1	X5					SS-16	
-10.0	27.8	10	9	26	1	X35						GREEN-GRAY FINE SAND, SAT. (PEEDEE FORMATION)
-15.0	32.8	13	18	14	1	X32						
-20.0	37.8	9	11	30	1	X41					SS-17	
-25.0	42.8	16	28	65	1	X93						
-30.0	47.8	7	10	13	1	X23						
-35.0	52.8	9	8	9	1	X17					SS-18	
BORING TERMINATED AT ELEV. -34.3' IN MEDIUM DENSE FINE SAND												