NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33198.1.1	ID. B-3652	COUNTY GUILFORD	GEOLOGIST O.B. OTI
SITE DESCRIPTION BRIDGE NO. 20 ON -L- (SR 4121) OVER DEEP RIVER			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 20+90	OFFSET 12' LT	ALIGNMENT -L-	0 HR. DRY
COLLAR ELEVATION 748.3'	NORTHING 817611	EASTING 1720193	24 HR. DRY
TOTAL DEPTH 30.4'	DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 4/5/04	COMPLETION DATE 4/5/04	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 30.4'

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
748.3										
745.0	3.5	3	2	2	1.0	4	SS-4	M		ROADWAY EMBANKMENT, TAN-BROWN, SILTY CLAY
740.0	8.5	2	2	3	1.0	5		M		
735.0	13.5	4	4	5	1.0	9	SS-5	M		RESIDUAL, GRAY-BROWN, SILTY CLAY
730.0	18.5	12	88		1.0	100+				WEATHERED ROCK (GRANITE)
725.0	23.5	6	13	12	1.0	25	SS-6	D		RESIDUAL, GRAY-BROWN, SANDY CLAY
720.0	28.5	6	8	18	1.0	26	SS-7	D		GRAY-BROWN, SANDY SILT
715.0						AUGER REFUSAL AT ELEVATION 717.9 FEET ON CRYSTALLINE ROCK (GRANITE)				
710.0										
705.0										
700.0										
695.0										
690.0										
685.0										
680.0										
675.0										
670.0										

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 8

PROJECT NO. 33198.1.1	ID. B-3652	COUNTY GUILFORD	GEOLOGIST O.B. OTI
SITE DESCRIPTION BRIDGE NO. 20 ON -L- (SR 4121) OVER DEEP RIVER			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 20+90	OFFSET 10' RT	ALIGNMENT -L-	0 HR. N/A
COLLAR ELEVATION 748.3'	NORTHING 817589	EASTING 1720192	24 HR. DRY
TOTAL DEPTH 30.4'	DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 4/6/04	COMPLETION DATE 4/6/04	SURFACE WATER DEPTH N/A	DEPTH TO ROCK 30.4'

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
748.3										
745.0	3.5	2	2	2	1.0	4		M		ROADWAY EMBANKMENT, TAN-BROWN, SILTY CLAY
740.0	8.5	3	13	10	1.0	23		M		
735.0	13.5	2	6	14	1.0	20		M		RESIDUAL, DARK BROWN, SILTY CLAY
730.0	18.5	3	4	4	1.0	8		M		TAN-BROWN, SANDY CLAY
725.0	23.5	3	4	4	1.0	8	SS-8	M		
720.0	28.5	9	10	11	1.0	21		M		
715.0						AUGER REFUSAL AT ELEVATION 717.9 FEET ON CRYSTALLINE ROCK (GRANITE)				
710.0										
705.0										
700.0										
695.0										
690.0										
685.0										
680.0										
675.0										
670.0										