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. EB2-A	**BORING LOCATION** 22+85	**OFFSET** 11' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 748.3'	**NORTHING** 817596	**EASTING** 1720388	**0 HR.** N/A
			24 HR. FIAD
TOTAL DEPTH 35.0'	**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** 33.7'

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	3.7	2	2	3	1.0	X 5		M		ROADWAY EMBANKMENT, TAN-BROWN, SANDY CLAY
740.0	8.7	1	2	2	1.0	X 4		M		
735.0	13.7	1	2	2	1.0	X 4		M		
730.0	18.7	2	3	4	1.0	X 7		M		RESIDUAL, RED-BROWN, SILTY CLAY
725.0	23.7	1	2	4	1.0	X 6		M		
720.0	28.7	3	6	9	1.0	X 15		M		GRAY-BROWN, SANDY SILT
715.0	33.7	60			0.1	60/0.1 X				WEATHERED ROCK (METAVOLCANIC)
										CRYSTALLINE ROCK (METAVOLCANIC)
710.0						AUGER REFUSAL AT ELEVATION 713.3 FEET IN CRYSTALLINE ROCK (METAVOLCANIC)				
705.0										
700.0										
695.0										
690.0										
685.0										
680.0										
675.0										
670.0										

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GEOTECHNICAL UNIT BORING LOG

SHEET 12

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. EB2-B	**BORING LOCATION** 22+85	**OFFSET** 13' RT	**ALIGNMENT** -L-
COLLAR ELEVATION 748.5'	**NORTHING** 817572	**EASTING** 1720386	**0 HR.** N/A
			24 HR. 30.2'
TOTAL DEPTH 35.0'	**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** 33.5'

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
748.5										
745.0	3.5	3	2	3	1.0	X 5	SS-9	M		ROADWAY EMBANKMENT, TAN-BROWN, SANDY CLAY
740.0	8.5	2	2	2	1.0	X 4	SS-10	M		
735.0	13.5	7	6	5	1.0	X 11	SS-11	M		
730.0	18.5	4	5	7	1.0	X 12	SS-12	25%		RESIDUAL, TAN-BROWN, SILTY CLAY
725.0	23.5	4	5	4	1.0	X 9		M		
720.0	28.5	19	40	29	1.0	X 69	SS-13	M		GRAY TO DARK BROWN, SANDY SILT
715.0	33.5	60			0.0	60/0.0 X				WEATHERED ROCK (METAVOLCANIC)
										CRYSTALLINE ROCK (METATVOLCANIC)
710.0						AUGER REFUSAL AT ELEVATION 713.5 FEET IN CRYSTALLINE ROCK (METAVOLCANIC)				
705.0										
700.0										
695.0										
690.0										
685.0										
680.0										
675.0										
670.0										