NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.2360601	**ID.** B-4515	**COUNTY** FRANKLIN	**GEOLOGIST** J.L. LOVE
SITE DESCRIPTION BRIDGE NO. 40 ON -L- (SR 1235, DYKING RD.) OVER BEAR SWAMP CREEK			**GROUND WATER**
BORING NO. EB2-A	**BORING LOCATION** 16+03	**OFFSET** 14' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 209.9'	**NORTHING** 868195	**EASTING** 2201269	**0 HR.** 12.6' / **24 HR.** 11.0'
TOTAL DEPTH 16.4'	**DRILL MACHINE** CME-750	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 10/27/03	**COMPLETION DATE** 10/27/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 16.4'

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
209.9										
	3.0	2	2	45	1.0	X47	SS-3	M		ROADWAY EMBANKMENT, ORANGE-BROWN AND GRAY-BROWN, SANDY CLAY
205.0										
	8.0	2	4	3	1.0	X7	SS-4	W		ALLUVIAL, LIGHT GRAY, SANDY CLAY WITH GRAVEL-SIZE GRANITE ROCK FRAGMENTS, ALSO ORG. MATERIAL (5%)
200.0										
	13.0	9	69	31	0.7	100/0.7 X				WEATHERED ROCK (GRANITE)
195.0						AUGER REFUSAL AT ELEVATION 193.5 FEET ON CRYSTALLINE ROCK (GRANITE)				
190.0										
185.0										
180.0										
175.0										
170.0										
165.0										
160.0										
155.0										
150.0										
145.0										
140.0										
135.0										
130.0										

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SITE DESCRIPTION BRIDGE NO. 40 ON -L- (SR 1235, DYKING RD.) OVER BEAR SWAMP CREEK			**GROUND WATER**
BORING NO. EB2-B	**BORING LOCATION** 16+03	**OFFSET** 15' RT	**ALIGNMENT** -L-
COLLAR ELEVATION 209.5'	**NORTHING** 868166	**EASTING** 2201263	**0 HR.** DRY / **24 HR.** 7.1'
TOTAL DEPTH 12.8'	**DRILL MACHINE** CME-750	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 10/28/03	**COMPLETION DATE** 10/28/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 12.8'

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
209.5										
	3.0'	2	4	5	1.0	X9		M		ROADWAY EMBANKMENT, ORANGE-BROWN, SANDY CLAY WITH WEATHERED ROCK FRAGMENTS
205.0										
	8.0'	1	3	3	1.0	X6		M		ALLUVIAL, GRAY-BROWN, SANDY CLAY WITH WOOD DEBRIS
200.0										
195.0						AUGER REFUSAL AT ELEVATION 196.7 FEET ON CRYSTALLINE ROCK (GRANITE)				WEATHERED ROCK (GRANITE)
190.0										
185.0										
180.0										
175.0										
170.0										
165.0										
160.0										
155.0										
150.0										
145.0										
140.0										
135.0										
130.0										