NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.2495501	**ID.** B-3649	**COUNTY** GUILFORD	**GEOLOGIST** J. L. LOVE
SITE DESCRIPTION BRIDGE NO. 227 ON -L- (SR 3000) OVER BEAVER CREEK			**GROUND WATER**
BORING NO. EBI-A	**BORING LOCATION** 16+56	**OFFSET** 15' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 615.4'	**NORTHING** 834260	**EASTING** 1803066	**0 HR.** DRY
			24 HR. 8.7'
TOTAL DEPTH 16.7'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 04/30/03	**COMPLETION DATE** 04/30/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 16.7'

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
615.4										
615.0	3.2	1	1	2	1.0	X 3		M		ROADWAY EMBANKMENT, RED-ORANGE, SILTY CLAY
610.0	8.2	1	6	14	1.0	X 20		▼ M		ALLUVIAL, BROWN SANDY SILT
605.0	13.2	17	20	18	1.0	X 38		D		WEATHERED ROCK (METAMORPHOSED GRANITE)
										RESIDUAL, BROWN, SANDY CLAY
600.0										WEATHERED ROCK (METAMORPHOSED GRANITE)
595.0						AUGER REFUSAL AT ELEVATION 598.7 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)				
590.0										
585.0										
580.0										
575.0										
570.0										
565.0										
560.0										
555.0										
550.0										
545.0										
540.0										

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PROJECT NO. 8.2495501	**ID.** B-3649	**COUNTY** GUILFORD	**GEOLOGIST** J. L. LOVE
SITE DESCRIPTION BRIDGE NO. 227 ON -L- (SR 3000) OVER BEAVER CREEK			**GROUND WATER**
BORING NO. EBI-B	**BORING LOCATION** 16+60	**OFFSET** 16' RT	**ALIGNMENT** -L-
COLLAR ELEVATION 615.5'	**NORTHING** 834265	**EASTING** 1803089	**0 HR.** 19.0'
			24 HR. 7.7'
TOTAL DEPTH 19.6'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 04/30/03	**COMPLETION DATE** 04/30/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 19.6'

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
615.5										
615.0	2.8	1	3	6	1.0	X 9	SS-1	M		ROADWAY EMBANKMENT, RED-ORANGE, SILTY CLAY
610.0	7.8	2	20	25	1.0	X 45	SS-2	▼ D		ALLUVIAL, BROWN, SANDY SILT
605.0	12.8	9	23	21	1.0	X 44	SS-3	M		RESIDUAL, BROWN, SANDY CLAY
600.0	17.8	100			0.2	100+ X				WEATHERED ROCK (METAMORPHOSED GRANITE)
595.0						AUGER REFUSAL AT ELEVATION 595.9 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)				
590.0										
585.0										
580.0										
575.0										
570.0										
565.0										
560.0										
555.0										
550.0										
545.0										
540.0										