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. EB2-A	**BORING LOCATION** 18+00	**OFFSET** 23' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 616.6'	**NORTHING** 834407	**EASTING** 1803057	**0 HR.** 8.6'
TOTAL DEPTH 12.0'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**24 HR.** 8.6'
START DATE 05/02/03	**COMPLETION DATE** 05/02/03	**SURFACE WATER DEPTH** N/A	**HAMMER TYPE** AUTOMATIC
			DEPTH TO ROCK 12.0'

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
616.6										
615.0	2.7	2	3	4	1.0	7	SS-9	M		ROADWAY EMBANKMENT, BROWN, SILTY SAND
							SS-10	M		ALLUVIAL, TAN-ORANGE, SANDY SILT
610.0	7.7	100			0.4	100+				WEATHERED ROCK (METAMORPHOSED GRANITE)
605.0										
600.0						AUGER REFUSAL AT ELEVATION 604.6 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)				
595.0										
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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SITE DESCRIPTION BRIDGE NO. 227 ON -L- (SR 3000) OVER BEAVER CREEK			**GROUND WATER**
BORING NO. EB2-B	**BORING LOCATION** 18+29	**OFFSET** 22' RT	**ALIGNMENT** -L-
COLLAR ELEVATION 615.2'	**NORTHING** 834430	**EASTING** 1803116	**0 HR.** 15.0'
TOTAL DEPTH 26.6'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**24 HR.** 12.0'
START DATE 04/30/03	**COMPLETION DATE** 04/30/03	**SURFACE WATER DEPTH** N/A	**HAMMER TYPE** AUTOMATIC
			DEPTH TO ROCK 26.6'

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
615.2										
615.0	2.8	2	2	2	1.0	4	SS-4	M		ROADWAY EMBANKMENT, TAN-BROWN, SILTY SAND
610.0	7.8	1	3	5	1.0	8	SS-5	M		ALLUVIAL, BROWN, SANDY SILT
605.0	12.8	2	11	16	1.0	27		D		RESIDUAL, BROWN, SANDY CLAY
600.0	17.8	6	43	56	1.0	99		D		
595.0	22.8	7	15	12	1.0	27		D		
590.0										WEATHERED ROCK (METAMORPHOSED GRANITE)
585.0						AUGER REFUSAL AT ELEVATION 588.6 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)				
580.0										
575.0										
570.0										
565.0										
560.0										
555.0										
550.0										
545.0										
540.0										