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. B1-A	**BORING LOCATION** 16+94	**OFFSET** 12' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 614.6'	**NORTHING** 834300	**EASTING** 1803062	**0 HR.** DRY / **24 HR.** 11.7'
TOTAL DEPTH 13.8'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 05/06/03	**COMPLETION DATE** 05/06/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 13.8'

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
614.6	2.6	1	3	2	1.0	5		M		ROADWAY EMBANKMENT, RED-BROWN, SILTY CLAY
610.0	7.6	3	3	6	1.0	9		M		ALLUVIAL, BROWN, SANDY SILT
605.0	12.6	2	25	75	0.6	100+				WEATHERED ROCK (METAMORPHOSED GRANITE)
600.0						AUGER REFUSAL AT ELEVATION 600.8 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										
535.0										

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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. B2-A	**BORING LOCATION** 17+64	**OFFSET** 11' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 614.8'	**NORTHING** 834374	**EASTING** 1803070	**0 HR.** 13.0' / **24 HR.** 11.6'
TOTAL DEPTH 21.8'	**DRILL MACHINE** BK-51	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** AUTOMATIC
START DATE 05/06/03	**COMPLETION DATE** 05/06/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 21.8'

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
614.8	2.6	1	2	2	1.0	4	SS-11	M		ROADWAY EMBANKMENT, RED-ORANGE, SANDY CLAY
610.0	7.6	2	2	4	1.0	6	SS-12	W		ALLUVIAL, BROWN, SANDY SILT
605.0	12.6	8	9	14	1.0	23		D		RESIDUAL, BROWN AND WHITE, COARSE SAND
600.0	17.6	6	32	42	1.0	74		D		BROWN, SANDY CLAY
595.0						AUGER REFUSAL AT ELEVATION 593.0 FEET ON CRYSTALLINE ROCK (METAMORPHOSED GRANITE)				WEATHERED 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										
535.0										