NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.2407701	**ID.** B-3530	**COUNTY** WAKE	**GEOLOGIST** J.L. LOVE/C.D. CZAJKA
SITE DESCRIPTION BRIDGE NO. 174 ON -L- (SR 2320, RILEY HILL RD.) OVER BUFFALO CREEK			**GROUND WATER**
BORING NO. BI-A	**BORING LOCATION** 15+58	**OFFSET** 16' LT	**ALIGNMENT** -L-	**0 HR.** DRY
COLLAR ELEVATION 318.8'	**NORTHING** 768814	**EASTING** 2169650		**24 HR.** 6.5'
TOTAL DEPTH 21.3'	**DRILL MACHINE** CME-550	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 9/29/03	**COMPLETION DATE** 9/29/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 18.6'

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
318.8										
315.0	3.5	2	2	3	1.0	X5	SS-6	D		ROADWAY EMBANKMENT, BROWN, SILTY CLAY
310.0	8.5	3	3	5	1.0	X8	SS-7	M		ALLUVIAL, DARK GRAY, SANDY CLAY
							SS-8	W		GRAY, SILTY SAND
305.0	13.5	4	18	47	1.0	X65	SS-9	D		RESIDUAL, WHITE-GRAY, SILTY SAND
300.0	18.5	60			0.1	60/0.1 X				CRYSTALLINE ROCK (GRANITE)
295.0						AUGER REFUSAL AT ELEVATION 297.5 FEET IN CRYSTALLINE ROCK (GRANITE)				
290.0										
285.0										
280.0										
275.0										
270.0										
265.0										
260.0										
255.0										
250.0										
245.0										
240.0										

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 9

PROJECT NO. 8.2407701	**ID.** B-3530	**COUNTY** WAKE	**GEOLOGIST** J.L. LOVE/C.D. CZAJKA
SITE DESCRIPTION BRIDGE NO. 174 ON -L- (SR 2320, RILEY HILL RD.) OVER BUFFALO CREEK			**GROUND WATER**
BORING NO. B2-B	**BORING LOCATION** 16+08	**OFFSET** 5' RT	**ALIGNMENT** -L-	**0 HR.** DRY
COLLAR ELEVATION 318.7'	**NORTHING** 768788	**EASTING** 2169697		**24 HR.** DRY
TOTAL DEPTH 8.9'	**DRILL MACHINE** CME-550	**DRILL METHOD** H.S. AUGERS	**HAMMER TYPE** MANUAL
START DATE 9/30/03	**COMPLETION DATE** 9/30/03	**SURFACE WATER DEPTH** N/A	**DEPTH TO ROCK** 8.7'

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
318.7										
315.0	3.7	2	2	3	1.0	X5		M		ROADWAY EMBANKMENT, RED-ORANGE, SILTY CLAY
										BROWN, SILTY SAND
310.0	8.7	60			0.0	60/0.0 X				ALLUVIAL, GRAY-BROWN, SILTY SAND
										CRYSTALLINE ROCK (GRANITE)
305.0						AUGER REFUSAL AT ELEVATION 309.8 FEET IN CRYSTALLINE ROCK (GRANITE)				
300.0										
295.0										
290.0										
285.0										
280.0										
275.0										
270.0										
265.0										
260.0										
255.0										
250.0										
245.0										
240.0										