

TIP # : B-2463
 STATE PROJECT # : 8.2352201
 FED PROJECT # : BRSTP-1107(4)
 COUNTY : DURHAM BORING # : B1-A
 DATE STARTED : 6/9/98 COLLAR ELEVATION : 223.3 ft.
 DATE COMPLETED : 6/9/98 TOTAL DEPTH : 43.7 ft.
 DRILL MACHINE : CME 550X BORING LOCATION : STA. 24+41, -L-
 DRILL METHOD : HSA OFFSET : 15 ft. Lt.
 GEOLOGIST/ENG : K. MORROW GROUND WATER : 8.3 ft. I.A.D. 3.7 ft. @ 24 HR.
 SITE DESCRIPTION : BRIDGE NO. III ON SR 1107 OVER NEW HOPE CREEK



ELEV.	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					Wn / GW	S A M N O.	LOG	DESCRIPTION
		6"	6"	6"	0	20	40	60	80				
235.0					AUTOMATIC HAMMER								
235.0													BRIDGE DECK - 232.4
235.0													3/4 IN. I.D. HOLLOW-STEM AUGERS ADVANCED THROUGH DECK TO GROUND SURFACE
225.0													GROUND SURFACE 223.3
220.0	3.6	2	3	3	6					22	55-65		ALLUVIAL - GRAY-TAN AND ORANGE-BROWN, MEDIUM STIFF TO STIFF, SANDY-SILT-CLAY
215.0	8.6	4	4	3	7								ALLUVIAL - GRAY-TAN, LOOSE TO MEDIUM DENSE, SILTY-SAND
210.0	13.6	8	7	6	13					26	55-68		RESIDUAL - REDDISH-BROWN, HARD CLAYEY-SILT
205.0	18.6	27	37	63	100+								RESIDUAL - BROWN AND GRAY, SOFT WEATHERED ROCK BECOMING HARD WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)
200.0	23.6	65	35/1		100+								
195.0	28.6	100			100+								
190.0	33.6	50/1			100+								
185.0	38.6	50/3			100+								
180.0	43.6	50/1			100+								
175.0													BORING TERMINATED AT ELEVATION 179.6 ft. IN HARD WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)

TIP # : B-2463
 STATE PROJECT # : 8.2352201
 FED PROJECT # : BRSTP-1107(4)
 COUNTY : DURHAM BORING # : B1-B
 DATE STARTED : 6/8/98 COLLAR ELEVATION : 221.3 ft.
 DATE COMPLETED : 6/8/98 TOTAL DEPTH : 43.8 ft.
 DRILL MACHINE : CME 550X BORING LOCATION : STA. 24+41, -L-
 DRILL METHOD : HSA OFFSET : 13.5 ft. Rt.
 GEOLOGIST/ENG : K. MORROW GROUND WATER : 6.2 ft. I.A.D. 2.5 ft. @ 24 HR.
 SITE DESCRIPTION : BRIDGE NO. III ON SR 1107 OVER NEW HOPE CREEK



ELEV.	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					Wn / GW	S A M N O.	LOG	DESCRIPTION
		6"	6"	6"	0	20	40	60	80				
235.0					AUTOMATIC HAMMER								
235.0													BRIDGE DECK - 232.4
235.0													3/4 IN. I.D. HOLLOW-STEM AUGERS ADVANCED THROUGH DECK TO GROUND SURFACE
225.0													GROUND SURFACE 221.3
220.0	3.7	1	3		4								RIP RAP CHANNEL PROTECTION TO 1.8 ft. ALLUVIAL - GRAY, MEDIUM STIFF, SANDY-SILT-CLAY
215.0	8.7	2	4		6								
210.0	13.7	10	27	26	53					30	55-57		RESIDUAL - REDDISH-BROWN AND GRAY, HARD, CLAYEY-SILT
205.0	18.7	52	48		100+								RESIDUAL - BROWN AND GRAY, SOFT WEATHERED ROCK BECOMING HARD WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)
200.0	23.7	50/1			100+								
195.0	28.7	73	27/1		100+								
190.0	33.7	50/1			100+								
185.0	38.7	50/3			100+								
180.0	43.7	50/1			100+								
175.0													BORING TERMINATED AT ELEVATION 177.5 ft. IN HARD WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)