

TIP # : B-2963
 STATE PROJECT # : 8.2352201
 FED PROJECT # : BRSTP-1107(4)
 COUNTY : DURHAM BORING # : EBI-A
 DATE STARTED : 6/4/98 COLLAR ELEVATION : 230.0 ft.
 DATE COMPLETED : 6/4/98 TOTAL DEPTH : 35.6 ft.
 DRILL MACHINE : CME 550X BORING LOCATION : STA. 23+61, -L-
 DRILL METHOD : HSA OFFSET : 13 ft. Lt.
 GEOLOGIST/ENG : K. MORROW GROUND WATER : 13.2 ft. I.A.D. 10.5 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									
230.0	12				GROUND SURFACE 230.0									
225.0	3.6	2	3	5	EMBANKMENT FILL - TAN AND ORANGE-BROWN, MEDIUM STIFF, SANDY-SILTY-CLAY WITH SOME BOULDERS					M				223.0
220.0	8.6	24	2	4	ALLUVIAL - GRAY-BROWN, STIFF, SILTY-CLAY									217.0
215.0	14.1	4	5	6	ALLUVIAL - GRAY-TAN, LOOSE, SILTY-SAND					W				206.9
210.0	19.1	5	5	5	RESIDUAL - REDDISH-BROWN AND GRAY, SOFT WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)					W				194.4
205.0	24.1	1	3	6	BORING TERMINATED AT ELEVATION 194.4 ft. IN SOFT WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)					W				
200.0	29.1	1	3	6						W				
195.0	34.1	32	59	41/4						W				
190.0		50/3								W				
185.0		41	48	52						W				

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 STATE PROJECT # : 8.2352201
 FED PROJECT # : BRSTP-1107(4)
 COUNTY : DURHAM BORING # : EBI-B
 DATE STARTED : 6/4/98 COLLAR ELEVATION : 232.5 ft.
 DATE COMPLETED : 6/4/98 TOTAL DEPTH : 35.1 ft.
 DRILL MACHINE : CME 550X BORING LOCATION : STA. 23+61, -L-
 DRILL METHOD : HSA OFFSET : 15.0 ft. Rt.
 GEOLOGIST/ENG : K. MORROW GROUND WATER : 16.6 ft. I.A.D. 11.3 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									
230.0					GROUND SURFACE - 232.5									
225.0	4.1	1	3	3	EMBANKMENT FILL - TAN AND ORANGE-BROWN, MEDIUM STIFF, SILTY-CLAY					32	55-40			223.5
220.0	9.1	NOH	1	4	ALLUVIAL - GRAY-TAN-BROWN, MEDIUM STIFF TO STIFF, SILTY CLAY									215.1
215.0	14.1	4	5	6	ALLUVIAL - GRAY, LOOSE, SILTY-SAND					W				207.9
210.0	19.1	2	2	2	RESIDUAL - REDDISH-BROWN AND GRAY, SOFT WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)					W				197.4
205.0	24.1	17	50	50/11	BORING TERMINATED AT ELEVATION 197.4 ft. IN SOFT WEATHERED ROCK (TRIASSIC SANDSTONE AND MUDSTONE)					W				
200.0	29.1	44	56/5							W				
195.0	34.1	40	46	54/11						W				