

ROCK CORE PHOTOGRAPHS

Bridge No. 111 on SR 1107 over New Hope Creek



B2-A
43.0 ft TO 48.0 ft

TIP # : B-2463 STATE PROJECT # : B.2352201 FED PROJECT # : BRSTP-1107(4) COUNTY : DURHAM BORING # : B2-B DATE STARTED : 6/8/98 COLLAR ELEVATION : 221.8 ft. DATE COMPLETED : 6/8/98 TOTAL DEPTH : 49.9 ft. DRILL MACHINE : CME 550X BORING LOCATION: STA. 25+31, -L- DRILL METHOD : HSA OFFSET : 14.0 ft. Rt. GEOLOGIST/ENG : K. MORROW GROUND WATER : 7.6 ft. I.A.D. 2.6 ft. @ 24 HR. SITE DESCRIPTION: BRIDGE NO. 111 ON SR 1107 OVER NEW HOPE CREEK														
ELEV.	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					Wn / GW	S / M	N / O	LOG	DESCRIPTION
		6"	6"	6"	0	20	40	60	80					
235.0														BRIDGE DECK = 232.9
230.0														3 1/4 IN. I.D. HOLLOW-STEM AUGERS ADVANCED THROUGH BRIDGE DECK TO GROUND SURFACE
225.0														GROUND SURFACE = 221.8
220.0	3.9													RIP RAP CHANNEL PROTECTION TO 2.0 ft. ALLUVIAL-GRAY, MEDIUM STIFF, SANDY-CLAYEY-SILT
215.0	8.9	2	3	5										
210.0	13.9	4	3	4										211.4
205.0	18.9	7	4	9										207.0
200.0	23.9	22	26	25										198.8
195.0	28.9	25	37	63										
190.0	33.9	100/5												
185.0	38.9	50/1												
180.0	43.4	100/5												
175.0														176.9
170.0														171.9
165.0														CORING TERMINATED AT ELEVATION 171.9 ft. IN HARD ROCK (TRIASSIC MUDSTONE)

