

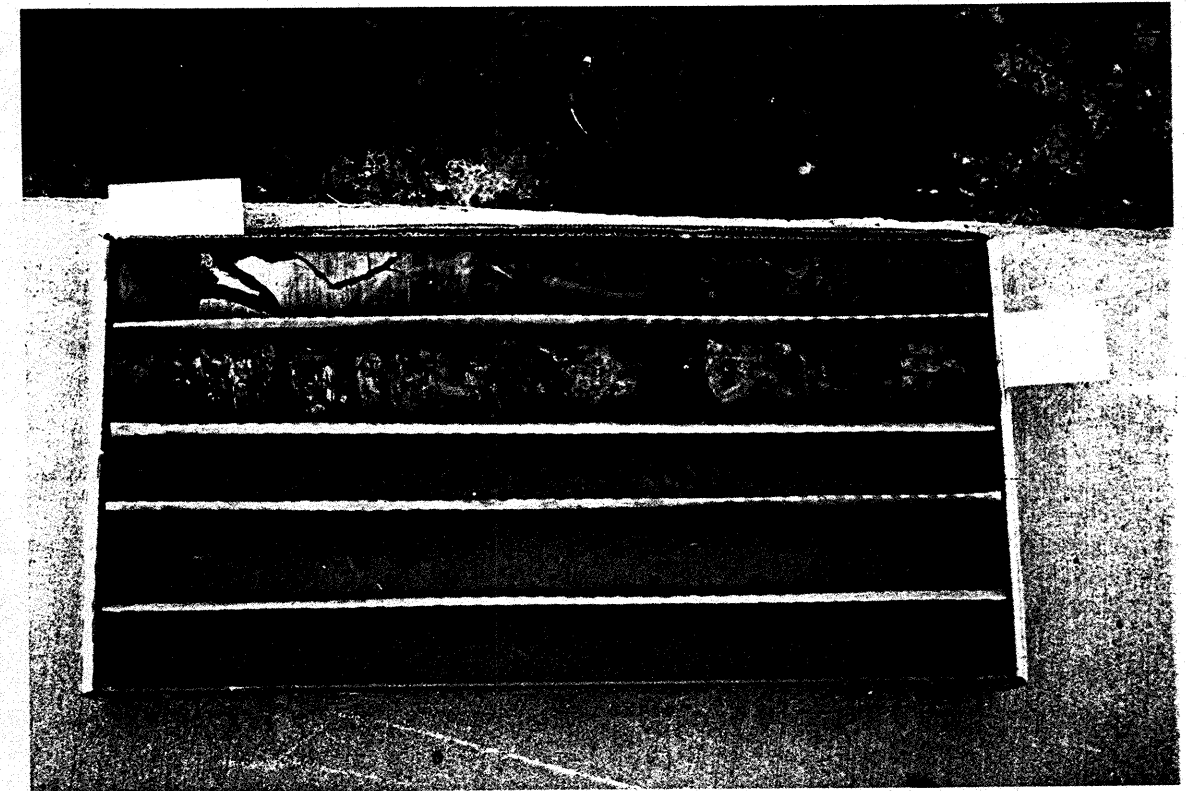
**ROCK CORE PHOTOGRAPHS**

Bridge No. 111 on SR 1107 over New Hope Creek

**North Carolina Department of Transportation  
Division of Highway  
Geotechnical Unit Core Boring Reports**

Project: 8.2352201      Tip #: B - 2963      County: Durham      Boring No.: B2 - B  
 Site Description: Bridge No. 111 on SR 1107 over New Hope Creek  
 Collar Elev.: 221.8 ft.      Core Size: NQ2      Equipment: CME-550X  
 Driller: T. Finkenbinder      Engineer: D. Dewey      Personnel: K. Morrow  
 Total Depth: 49.9 ft.      Total Run: 5.0 ft.      Date: 6-8-98

Elev (ft)	Depth (ft)	Drill Rate min/ft	Run (ft)	RQD %	Rec. %	Field Classification and Remarks
176.9	44.9	2:30	5.0	3.35 5.00	4.00 5.00	44.9-45.1 - Reddish-brown moderately weathered mudstone
		2:33				45.1-46.1 - Clay infilling - no recovery
		2:35				46.1-46.7 - Tan-gray, slightly weathered, extremely fractured, sandstone
		2:40				46.7-48.1 - Reddish-brown, slightly weathered, slightly fractured to sound, mudstone 1 Joint at 0° ADS = 0.7 ft ADT = 0.005 ft
		2:41				48.1-49.2 - Reddish-brown, moderately weathered, extremely fractured, mudstone
171.9	49.9	2:41				49.2-49.9 - Reddish-brown, moderately weathered, extremely moderate fractured, mudstone



B2-B  
44.9 ft TO 49.9 ft