

# MEMO.

DATE: 1/23/85

TO: Files

SUBJECT: DP-<sup>HB</sup>~~B~~-10-84

Samples, data sheets, cross-sections, and location map for 8 borings (averaging 50 feet) from the SR 1154 bridge area were received from Soil and Material Engineers on December 14, 1984. Rick Murray, geologist with S&M, wanted to know which geologic units occurred in the bore holes. Soil & Material Engineers usually disposes of their samples after completing a project but these were given to the Survey.

DP-<sup>HB</sup>~~B~~-10-84 (EBI-1 of Soil & Material Engineers) was retained on the basis of depth and completeness of samples. The remaining 7 borings were thrown out.

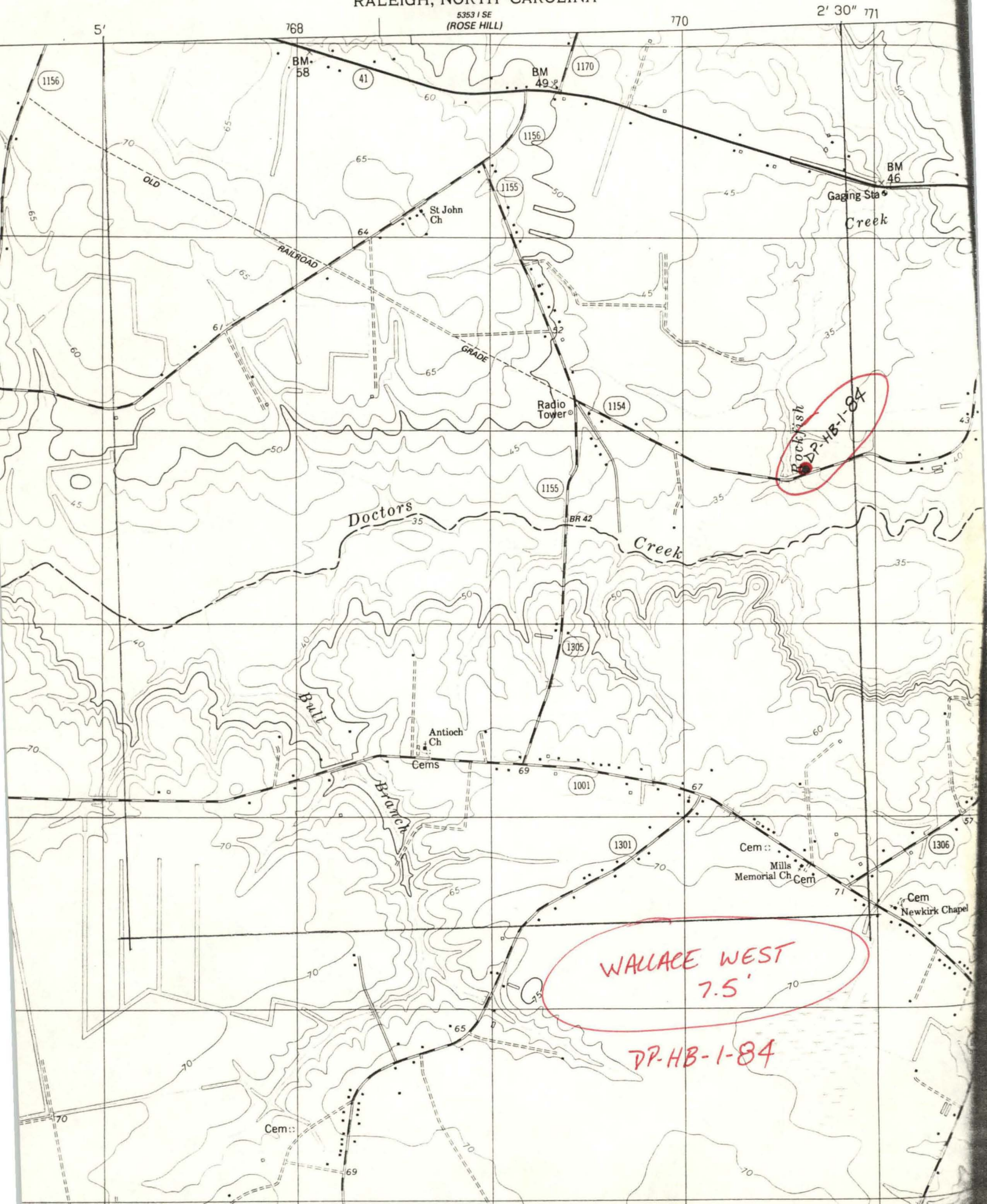


*R.M. Eros*  
North Carolina Department of Natural  
Resources & Community Development

CONTACT PERSON FOR OBTAINING ADDITIONAL  
BORING SAMPLES & SCHEDULES IS RUSS RIVENBARK.

DEPARTMENT OF NATURAL RESOURCES  
AND COMMUNITY DEVELOPMENT  
RALEIGH, NORTH CAROLINA

5353 1 SE  
(ROSE HILL)



344345  
780240

DP-HB-1-84

DATA FILE 438EB1-1DA

BORING #: EB1-1

BENT NO: -1

COLLAR ELEV: ✓

36.00

BORING LOC (STA & OFFSET): 17+64.7 11.4

TOTAL DEPTH:

60.00

*samples to 60ft.*

ELEV	DEPTH	BLOW COUNT			PEN	BLOWS PER FOOT 100	DESCRIPTION
		6"	6"	6"			
36.0	0.0	(	0.0)				
	.5	3-	3-	4-	0.0	*	A3- LOOSE TO DENSE TAN TO BROWN
	3.5	4-	8-	14-	0.0	*	VERY FINE SAND
	6.0	7-	13-	18-	0.0	*	
	8.5	6-	5-	5-	0.0	*	
26.0	10.0	(	10.0)				
	13.5	10-	10-	11-	0.0	*	A6- VERY STIFF DARK GRAY TO BLACK
	18.5	4-	5-	10-	0.0	*	FINE SANDY CLAY WITH ORGANICS
	23.5	5-	7-	8-	0.0	*	
9.0	27.0	(	27.0)				
	28.5	10-	13-	20-	0.0	*	A2-6 MEDIUM DENSE TO DENSE DARK TO
	33.5	12-	12-	13-	0.0	*	TO DARK GRAY CLAYEY
	38.5	6-	8-	11-	0.0	*	COARSE TO FINE SAND W/SHELL FR
-5.5	41.5	(	41.5)				
	43.5	15-	18-	30-	0.0	*	A2-4 DENSE TO VERY DENSE DARK GREEN
	48.5	19-	19-	46-	0.0	*	COARSE TO FINE SAND WITH SHELL FRAGMENTS AND ORGANICS
-17.5	53.5	(	53.5)				
	53.5	50-	0-	0-	.5	*	A0- DARK GREEN COARSE TO FINE SAND (A
-20.0	56.0	(	56.0)				
	58.5	27-	35-	42-	0.0	*	A2-4 VERY DENSE DARK GREEN COARSE TO FINE SAND WITH SHELL (B
-24.0	60.0	(	60.0)				
							BORING TERMINATED IN VERY DENSE SAND AT ELEVATION -24.0 FT.
							(A WITH SHELL FRAGMENTS AND ORGANICS (B FRAGMENTS AND ORGANICS

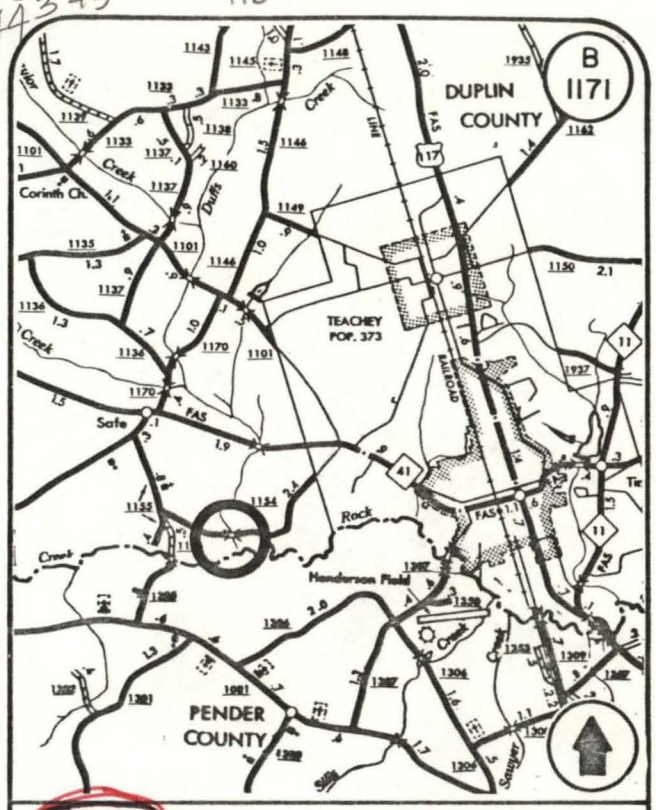
GROUND WATER DATA

DEPTH TO: 3.00 SYMBOL: S LABEL:

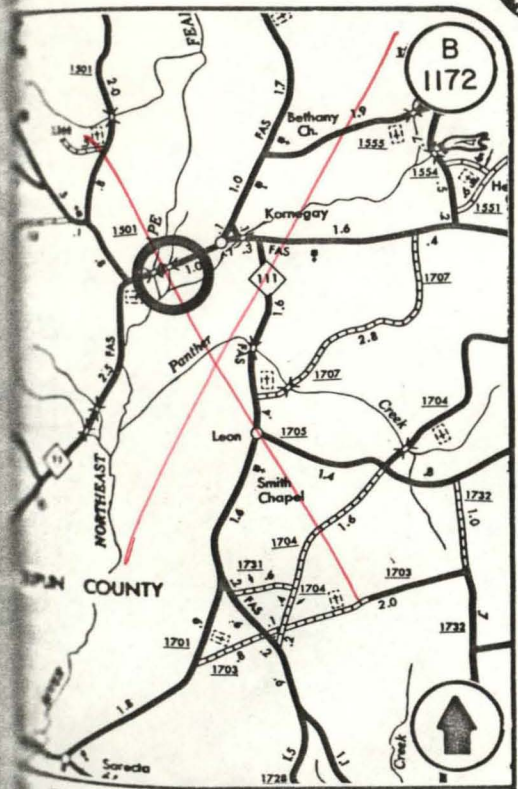
780240 DP-10-84  
 344345 HB



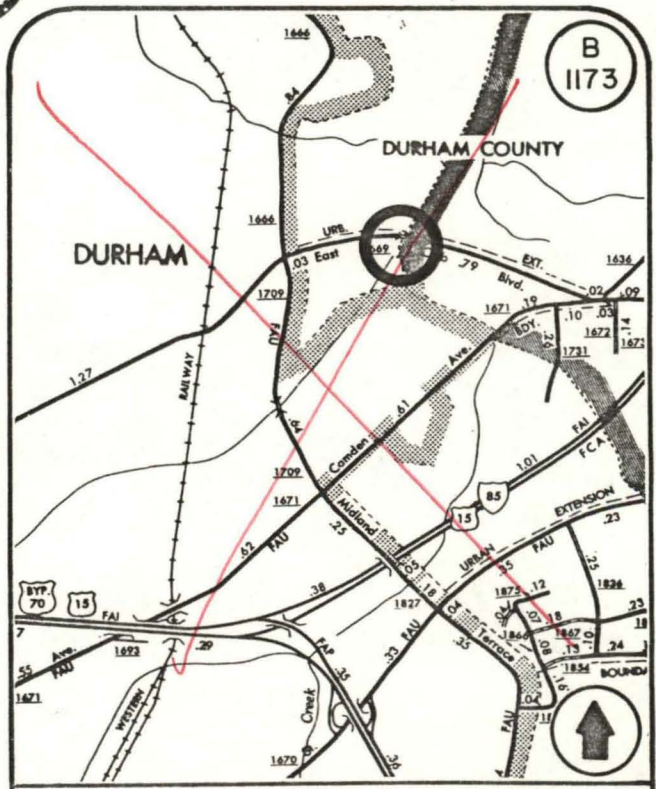
SR 1141, BRIDGE #197,  
 DUPLIN COUNTY  
 Replace Bridge over Maxwell  
 Creek.



B-1171: SR 1154, BRIDGE #38, DUPLIN  
 COUNTY  
 Replace Bridge over Rockfish  
 Creek.



SR 11, BRIDGE #11-24-100,  
 DUPLIN COUNTY  
 Replace Bridge over Northeast  
 Cape Fear River Overflow.



B-1173: SR 1669, BRIDGE #38, DURHAM  
 COUNTY  
 Replace Bridge over Ellerbee  
 Creek.

Left Side

17+50          60          70          80          90          18+00

17-113-18A  
 MAANASAH  
 EB. 1-1

F:11

A-3  
-31  
-10

TAN-BROWN FINE GRAY  
LOOSE TO M-DENSE  
C-F SAND

A-6

D-GRAY TO BLACK  
V-STIFF C-F SANDY  
CLAY  
W/ORGANICS  
FRAGMENTS

A2-6

D-GREEN TO D-GRAY  
M-DENSE TO DENSE  
CLAYEY C-F SAND  
W/SHELL FRAGMENTS

A2-4

D-GREEN  
DENSE TO V-DENSE  
C-F SAND  
W/SHELL FRAGMENTS  
ORGANICS

SUR

D-GREEN C-F SAND W/SHELL FRAG

A2-4

D-GREEN  
V-DENSE  
C-F SAND  
W/ SAND FRAG

47 0703

10 X 10 TO THE INCH • 10 X 15 INCHES  
KEUFFEL & ESSER CO. MADE IN U.S.A.



B1-1

B2-1

