

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY
MATERIALS & TESTS UNIT
SOILS LABORATORY**

T. I. P. No. R-977A

REPORT ON SAMPLES OF SOILS FOR QUALITY

Project	<u>5.912</u>	County	<u>CHEROKEE</u>	Owner	<u></u>
Date: Sampled	<u>1/4/04</u>	Received	<u>1/8/04</u>	Reported	<u>1/12/2004</u>
Sampled from	<u>EB1-A</u>	By	<u>P.Q. LOCKAMY</u>		
Submitted by	<u></u>	<u>1995 Standard Specifications</u>			

710727 TO 710729
2/9/04

TEST RESULTS

Proj. Sample No.	SS-2	SS-3	SS-5			
Lab. Sample No.	710727	710728	710729			
Retained #4 Sieve	% -	-	-			
Passing #10 Sieve	% 100	97	100			
Passing #40 Sieve	% 83	91	96			
Passing #200 Sieve	% 51	40	43			

MINUS NO. 10 FRACTION

SOIL MORTAR - 100%						
Coarse Sand Ret - #60	%	25.8	19.5	10.3		
Fine Sand Ret - #270	%	29.6	48.7	56.4		
Silt 0.05 - 0.005 mm	%	32.5	17.6	25.2		
Clay < 0.005 mm	%	12.2	14.2	8.1		
Passing #40 Sieve	%	-	-	-		
Passing #200 Sieve	%	-	-	-		

L. L.		28	26	27		
P. I.		NP	NP	NP		
AASHTO Classification		A-4(0)	A-4(0)	A-4(0)		
Station		18+11.1	18+02	18+47		
		9.15 LT	9.15 RT	9.15 RT		
Hole No.		EB1-A	EB1-A	EB1-A		
Depth (Ft)		3.28	1.45	1.49		
	to	3.35	1.90	1.91		

cc: P.Q. LOCKAMY
J. MANN
Soils File