

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

SHEET NO.	TOTAL SHEETS
42	46

T. I. P. No. R-2562C

REPORT ON SAMPLES OF SOILS FOR QUALITY

Project 34467.1.6 County BLADEN Owner _____
 Date: Sampled 1/4/04 Received 1/30/04 Reported 2/3/2004
 Sampled from -L- By K.B. MILLER
 Submitted by N.W. WAINAINA 1995 Standard Specifications

711069 TO 711082
5/19/04

TEST RESULTS

Proj. Sample No.	SS-24	SS-25				
Lab. Sample No.	711081	711082				
Retained 4.75 mm Sieve %	.	-				
Passing 2.00 mm Sieve %	99	92				
Passing 425 µm Sieve %	98	86				
Passing 75 µm Sieve %	91	80				

MINUS 2.00 mm FRACTION

SOIL MORTAR - 100%						
Coarse Sand Ret - 250 µm %	2.2	8.3				
Fine Sand Ret - 53 µm %	11.7	6.1				
Silt 0.05 - 0.005 mm %	31.4	28.9				
Clay < 0.005 mm %	54.7	56.7				
Passing 425 µm Sieve %	-	-				
Passing 75 µm Sieve %	-	-				

L. L.	70	68				
P. I.	44	37				
AASHTO Classification	A-7-6(45)	A-7-5(33)				
Station	179+12	179+12				
Offset	18.5m RT	18.5m RT				
Hole No.	EBX	EBX				
Depth (M)	26.91	28.43				
	to	27.37	28.89			

NCDOT SOILS LAB
Soils Engineer