

JL
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS-MATERIALS AND TESTS UNIT
 SOILS TEST REPORT-SOILS LABORATORY

T.I.P. ID #: B-3857

REPORT ON SAMPLES OF: Soil for Classification

PROJECT:	--	COUNTY:	Henderson	Owner:	--
DATE SAMPLED:	5-4-04	DATE RECEIVED:	5-7-04	DATE REPORTED:	5-20-04
SAMPLED FROM:	SR 1314 - Br #8	SAMPLED BY:	J W Mann		
SUBMITTED BY:	W D Frye	2002		STANDARD SPECIFICATION	
LABORATORY:	Asheville				

TEST RESULTS

Project Sample No.	SS-1	SS-2	SS-3	SS-4	SS-5			
Lab Sample No. A-	145326	145327	145328	145329	145330			
HiCAMS Sample #	--	--	--	--	--			
Retained #4 Sieve %	--	--	--	--	--			
Passing #10 Sieve %	100	88	100	--	94			
Passing #40 Sieve %	97	69	98	100	72			
Passing #200 Sieve %	72	45	67	52	35			

MINUS #10 FRACTION

Soil Mortar - 100%								
Coarse Sand -Ret. #60	5	30	7	2	36			
Fine Sand - Ret. #270	32	26	43	65	34			
Silt 0.05-0.005 mm %	32	28	36	23	18			
Clay < 0.005 mm %	31	16	14	10	12			
Passing # 40 Sieve %	--	--	--	--	--			
Passing # 200 Sieve %	--	--	--	--	--			

Liquid Limit	41	40	52	42	35			
Plastic Index	13	16	10	NP	11			
AASHTO Classification	A-7-6 (9)	A-6 (4)	A-5 (8)	A-5 (4)	A-6 (0)			
Quantity								
Texture								
Station	19+00 Rt	19+00 Rt	18+00 CL	17+10 CL	15+00 Rt			
Hole No.	-L-	-L-	-L-	-L-	-L-			
Depth (ft) From:	4.10	4.10	9.40	3.70	9.0			
To:	5.10	15.10	10.40	4.70	10.0			

Remarks:

CC:

W D Frye	
J J Lail	
File	

SOILS ENGINEER: