

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

T.I.P. ID #: B-3266

REPORT ON SAMPLES OF: Soil for Classification

PROJECT:	8.2761001	COUNTY:	Wilkes	Owner:	--
DATE SAMPLED:	--	DATE RECEIVED:	11-21-03	DATE REPORTED:	12-1-03
SAMPLED FROM:	Bridge Foundation	SAMPLED BY:	L L Acker		
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	SS-6	SS-21	SS-22
Lab Sample No. A-	143861	143862	143863	143864	143865	143866	143867	143868
HiCAMS Sample #	--	--	--	--	--	--	--	--
Retained #4 Sieve %	--	--	--	--	--	--	--	--
Passing #10 Sieve %	43	100	94	42	38	99	97	95
Passing #40 Sieve %	32	94	86	29	76	94	93	77
Passing #200 Sieve %	11	26	26	9	19	26	29	19

MINUS #10 FRACTION

Soil Mortar - 100%								
Coarse Sand -Ret. #60	39	21	20	47	21	14	13	39
Fine Sand - Ret. #270	44	64	62	38	67	73	71	48
Silt 0.05-0.005 mm %	11	11	12	11	4	5	8	5
Clay < 0.005 mm %	6	4	6	4	8	8	8	8
Passing # 40 Sieve %	--	--	--	--	--	--	--	--
Passing # 200 Sieve %	--	--	--	--	--	--	--	--

Liquid Limit	27	36	42	23	35	38	33	25
Plastic Index	NP	NP	NP	NP	NP	NP	NP	NP
AASHTO Classification	A-1-b (0)	A-2-4 (0)	A-2-5 (0)	A-1-a (0)	A-2-4 (0)	A-2-4 (0)	A-2-4 (0)	A-2-4 (0)
Quantity								
Texture								
Station	12+74.3 Rt	12+66.1 Lt	12+46.3 Rt	12+56.2 Lt	12+56.2 Lt	12+30.5 Rt	12+34.5 Rt	12+25 Lt
Hole No.								
Depth (ft) From:	1.46	2.97	2.23	1.00	2.52	2.29	4.21	2.87
To:	1.91	3.12	2.68	1.45	2.97	2.74	4.65	3.32

Remarks:

CC:

W D Frye	
J J Lail	
File	

SOILS ENGINEER:

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REPORT ON SAMPLES OF: Soil for Classification

PROJECT:	8.2761001	COUNTY:	Wilkes	Owner:	--
DATE SAMPLED:	12-11-02	DATE RECEIVED:	12-16-02	DATE REPORTED:	1-7-03
SAMPLED FROM:	Rdwy -L-	SAMPLED BY:	L L Acker		
SUBMITTED BY:	W D Frye	2002	STANDARD SPECIFICATION		
LABORATORY:	Asheville				

TEST RESULTS

Project Sample No.	SS-3A	SS-4A
Lab Sample No. A-	140112	140113
HiCAMS Sample #	--	--
Retained #4 Sieve %	--	--
Passing #10 Sieve %	98	44
Passing #40 Sieve %	96	37
Passing #200 Sieve %	29	12

MINUS #10 FRACTION

Soil Mortar - 100%		
Coarse Sand -Ret. #60	10	29
Fine Sand - Ret. #270	71	56
Silt 0.05-0.005 mm %	13	11
Clay < 0.005 mm %	6	4
Passing # 40 Sieve %	--	--
Passing # 200 Sieve %	--	--

Liquid Limit	30	25
Plastic Index	NP	NP
AASHTO Classification	A-2-4 (0)	A-1-b (0)
Quantity		
Texture		
Station	12+82.1R	12+82.1R
Hole No.		
Depth (ft) From:	0 m	.97 m
To:	.45 m	1.52 m

Remarks:

CC:

W D Frye	
J J Lail	
File	

SOILS ENGINEER: