

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

PROJECT NO: 33356.1.1 (B-3922)
 WATAUGA COUNTY

T.I.P. ID #: B-3922

REPORT ON SAMPLES OF: Soil for Classification

PROJECT:	33356.1.1	COUNTY:	Watauga	Owner:	--
DATE SAMPLED:	4-19-04	DATE RECEIVED:	5-3-04	DATE REPORTED:	5-20-04
SAMPLED FROM:	Rdw - 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-7
Lab Sample No. A-	145275	145276	145277	145278	145279	145280	145281
HiCAMS Sample #	--	--	--	--	--	--	--
Retained #4 Sieve %	--	--	--	--	--	--	--
Passing #10 Sieve %	99	88	100	73	100	100	100
Passing #40 Sieve %	91	80	99	60	99	88	97
Passing #200 Sieve %	42	59	77	41	89	60	64

MINUS #10 FRACTION

Soil Mortar - 100%							
Coarse Sand -Ret. #60	23	13	3	26	1	21	10
Fine Sand - Ret. #270	48	34	34	26	23	33	39
Silt 0.05-0.005 mm %	19	37	47	32	54	38	35
Clay < 0.005 mm %	10	16	16	16	22	8	16
Passing # 40 Sieve %	--	--	--	--	--	--	--
Passing # 200 Sieve %	--	--	--	--	--	--	--

Liquid Limit	27	29	38	31	51	32	34
Plastic Index	NP	9	8	5	16	5	7
AASHTO Classification	A-4 (1)	A-4 (5)	A-4 (8)	A-4 (1)	A-7-5 (13)	A-4 (5)	A-4 (6)
Quantity							
Texture							
Station	10+79 Rt	10+28 Lt	10+28 Lt	10+21 Rt	10+21 Rt	10+121 Rt	11+85 Lt
Hole No.	B1-B	EB1-A	EB1-A	EB1-B	EB1-B	EB1-A	EB2-A
Depth (ft) From:	0.5	0.5	4.5	0.5	9.5	19.5	0.5
To:	1.5	1.5	5.5	1.5	10.5	20.5	1.5

Remarks:

CC:

W D Frye	
J J Lail	
File	

SOILS ENGINEER:

CORE PHOTOGRAPHS
B1-B



B2-A

