

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2625001		ID U-3837		COUNTY FORSYTH		GEOLOGIST MURRAY									
SITE DESCRIPTION HANES MALL BLVD.OVER I-40 NEW BRIDGE & WIDENING @ BRIDGE436							GND WATER								
BORING NO EB1A		NORTHING 0.00		EASTING 0.00		0 HR N/A									
ALIGNMENT L		BORING LOCATION 19+80.000		OFFSET 30.00ft LT		24 HR N/A									
COLLAR ELEV 810.83ft		TOTAL DEPTH 45.40ft		START DATE 8/14/03		COMPLETION DATE 08/14/03									
DRILL MACHINE CME-550			DRILL METHOD NWCAS/MUD/DRAG BIT			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH				DEPTH TO ROCK N/A											
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100					
810.83															Ground Surface
	5.40	1	2	3	1.0							SS-125	W		0-12 FILL, THICK LAYER OF ASPHALT OVER ORANGE HIGHLY MICACEOUS MED. STIFF TO STIFF WET CLAYEY F. SANDY SILT.
	10.40	3	4	5	1.0							SS-126	W		12-22 A-2-5, FILL: BRN-YELLOW HIGHLY MICACEOUS LOOSE, WET, MOIST @ DEPTH, SILTY FINE SAND
	13.90	1	1	3	1.0							SS-127	M		22'-32' A-7-5 FILL: RED-BRN STIFF MOIST SILTY F. SANDY CLAY
	18.90	2	5	5	1.0							SS-128	M		32-36 A-5 FILL: RED-ORANGE STIFF MOIST MICACEOUS CLAYEY SANDY SILT
	23.90	2	5	5	1.0										36-45.4 RESIDUAL RED-ORANGE STIFF TO V.STIFF MOIST SILTY CLAY SOIL, WEATHERED PEGMATITE
	28.90	2	4	4	1.0										
	33.90	3	5	5	1.0										
	38.90	3	5	9	1.0										
	43.90	7	14	14	1.0										
	765.43														TERMINATED AT 45.4 IN RESIDUAL

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SITE DESCRIPTION HANES MALL BLVD.OVER I-40 NEW BRIDGE & WIDENING @ BRIDGE436							GND WATER								
BORING NO EB1B		NORTHING 0.00		EASTING 0.00		0 HR N/A									
ALIGNMENT L		BORING LOCATION 19+75.000		OFFSET 4.00ft LT		24 HR N/A									
COLLAR ELEV 811.00ft		TOTAL DEPTH 46.50ft		START DATE 8/14/03		COMPLETION DATE 08/14/03									
DRILL MACHINE CME-550			DRILL METHOD NWCAS/MUD/DRAG BIT			HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH				DEPTH TO ROCK N/A											
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100					
811.00															Ground Surface
	5.30	1	2	3	1.0							SS-129	M		0-13 A-5 ROADWAY FILL: ORANGE-RED-BRN SOFT TO MED. STIFF . MOIST TO WET, V. MICACEOUS CLAYEY F. SANDY SILT
	10.30	3	2	3	1.0							SS-130	W		13-18 A-2-5 ROADWAY FILL, BRN LOOSE MOIST TO WET VERY MICACEOUS CLAYEY SILTY F. SAND W/GRAVEL
	14.00	2	3	4	1.0							SS-131	W		18-33 , A-7-5 ROADWAY FILL: RED-ORANGE MED. STIFF TO STIFF WET MIC. SILTY F. SANDY CLAY (MED. PLASTIC PI=20) W/ GRAVEL
	19.00	3	4	3	1.0							SS-132	W		33-38 A-7-5, RESIDUAL CAP CLAY, RED STIFF WET SILTY F. SANDY CLAY (HIGH PLASTIC PI=26) W/ TAN SAND LAYERS
	24.00	2	3	4	1.0							SS-133	W		38-44 A-7-6, RESIDUAL CAP CLAY, RED V. STIFF WET F. SANDY CLAY (HIGH PLASTIC PI=38))
	29.00	1	3	6	1.0										44-46.5 RESIDUAL STIFF, WET, HIGHLY WEATHERED FELDSPAR MICA PEGAMATITE.
	34.00	4	5	9	1.0										
	39.00	3	7	9	1.0										
	44.00	5	10	5	1.0										
	764.50														BORING TERMINATED AT 46.5 IN RESIDUAL