

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1770801		ID R-3427		COUNTY YADKIN		GEOLOGIST J. STICKNEY						
SITE DESCRIPTION DETOUR BRIDGE AT BRIDGE # 30 ON NC 601 AT SOUTH DEEP CREEK						GND WATER						
BORING NO EB2-A-DET		NORTHING 0.00		EASTING 0.00		0 HR 3.20ft						
ALIGNMENT -DETA-		BORING LOCATION 19+30.000		OFFSET 11.00ft LT		24 HR 4.30ft						
COLLAR ELEV 753.46ft		TOTAL DEPTH 19.50ft		START DATE 9/11/02		COMPLETION DATE 09/11/02						
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 19.50ft			Log EB2-A-DET, Page 1 of 1						
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
753.46												Ground Surface
750.00	4.20	0	1	0	1.0	1				SS-1	M	0 TO 9.2 ALLUVIAL, MOIST, VERY SOFT FROWN GREY MICACEOUS FINE SANDY CLAYEY SILT
	9.20	0	1	1	1.0	2				SS-2	M	9.2' TO 14.2' ALLUVIAL, VERY LOOSE, MOIST, GREY WHITE MICACEOUS SILTY FINE SAND
740.00	14.20	2	3	7	1.0	10				SS-3	M	14.2' TO 19.2' RESIDUAL, LOOSE MOIST GREY WHITE CLAYEY SILTY SAND
733.96	19.20	100			0.1				100			19.2' TO 19.5' ROCK DRILLED BEYOND SPT REFUSAL. BORING TERMINATED AT 19.5

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SITE DESCRIPTION DETOUR BRIDGE AT BRIDGE # 30 ON NC 601 AT SOUTH DEEP CREEK						GND WATER						
BORING NO EB2-B-DET		NORTHING 0.00		EASTING 0.00		0 HR 3.00ft						
ALIGNMENT -DETA-		BORING LOCATION 0+20.200		OFFSET 10.00ft RT		24 HR 4.30ft						
COLLAR ELEV 753.50ft		TOTAL DEPTH 20.20ft		START DATE 9/11/02		COMPLETION DATE 09/11/02						
DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 20.20ft			Log EB2-B-DET, Page 1 of 1						
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75			
753.50												Ground Surface
750.00	4.10	0	0	0	1.0	0						0 TO 9.1 ALLUVIAL MOIST VERY SOFT FINE SANDY CLAYEY SILT
	9.10	1	1	1	1.0	2						9.1' TO 14.1' ALLUVIAL VERY LOOSE, MOIST, GREY AND WHITE SILTY FINE SAND
740.00	14.10	3	4	6	1.0	10						14.1' TO 19.1' RESIDUAL, LOOSE, MOIST GREY AND WHITE CLAYEY SILTY MICACEOUS SAND
733.30	19.10	77	23		0.7				100			19.1 TO 20.2' RESIDUAL WEATHERED ROCK. DRILLED WITH GREAT TRIBULATION. REFUSAL AT 20.2'
												BORING TERMINATED AT REFUSAL: 20.2' DEPTH