

**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 EB1-A-DET		NORTHING 0.00		EASTING 0.00		0 HR 4.00ft								
ALIGNMENT -DETA-		BORING LOCATION 18+11.000		OFFSET 10.00ft LT		24 HR 4.90ft								
COLLAR ELEV 753.50ft		TOTAL DEPTH 20.70ft		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 20.70ft			Log EB1-A-DET, Page 1 of 1								
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
753.50														Ground Surface
750.00	4.50	1	2	1	1.0					3				0-9.5' ALLUVIAL MOIST, SOFT GREY FINE SANDY CLAYEY SILT
	9.50	1	1	1	1.0					2				9.5 TO 14.5 ALLUVIAL, SOFT, MOIST, GREY AND WHITE FINE SANDY SILTY CLAY
740.00	14.50	2	7	7	1.0					14				14.5 TO 18.7 RESIDUAL STIFF, MOIST BROWN GREY WHITE SILTY SAND
	18.70	17	48	52	0.8									18.7 TO 20.7 RESIDUAL WEATHERED ROCK. REFUSAL AT BASE.
732.80														BORING TERMINATED AT REFUSAL, 20.7'

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SITE DESCRIPTION DETOUR BRIDGE AT BRIDGE # 30 ON NC 601 AT SOUTH DEEP CREEK							GND WATER							
BORING NO EB1-B-DET		NORTHING 0.00		EASTING 0.00		0 HR 4.10ft								
ALIGNMENT -DETA-		BORING LOCATION 18+12.000		OFFSET 10.00ft RT		24 HR 4.90ft								
COLLAR ELEV 753.52ft		TOTAL DEPTH 22.10ft		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 22.10ft			Log EB1-B-DET, Page 1 of 1								
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
753.52														Ground Surface
750.00	4.20	1	2	2	1.0					4				0-9. ALLUVIAL MOIST, SOFT BROWN GRAY FINE SANDY CLAYEY SILT
	9.20	1	1	2	1.0					3				9.2 TO 14.2' ALLUVIAL, MOIST SOFT, BROWN WHITE MICACEOUS FINE SANDY SILTY CLAY
740.00	14.20	1	3	5	1.0					8				14.2 TO 19.2 RESIDUAL, LOOSE, MOIST, BROWN GREY WHITE SILTY SAND.
	19.20	9	56	44	0.6									19.2' -22.1' RESIDUAL WEATHERED ROCK, PENETRATED WITH DIFFICULTY, BROWN GREY WHITE SAND. REFUSAL AT 22.1'
731.42														BORING TERMINATED AT REFUSAL, 22.1'