

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

Sheet 10

PROJECT NO. 8.2572401		ID. B-3506		COUNTY RANDOLPH		GEOLOGIST STICKNEY J.K.						
SITE DESCRIPTION BRIDGE NO. 226 ON SR 2832 OVER RICHLAND CREEK							GROUND WATER					
BORING NO. EB1-A		BORING LOCATION 17+20.00		OFFSET -11.00		ALIGNMENT L						
COLLAR ELEVATION 516.40		NORTHING 689845.6923		EASTING 1780063.3069		0 HR. DRY						
TOTAL DEPTH 7.00		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC						
START DATE 51403		COMPLETION DATE 51403		SURFACE WATER DEPTH		DEPTH TO ROCK 7.00						
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'	0	25	50	75				100
516.40												
515.00	3.3	2	6	34	1							(RESIDUAL) RED-BRN STIFF F. SANDY SILTY CLAY
510.00												RESIDUAL - HARD TAN-BROWN SANDY SILT
505.00												WEATHERED ROCK (VERY DENSE SILTY SAND)
500.00												
495.00												
490.00												
485.00												
480.00												
475.00												
470.00												
465.00												
460.00												
455.00												
450.00												
445.00												
440.00												

AUGER REFUSAL AT
 ELEVATION 509.4 FEET
 ON HARD ROCK

PROJECT NO. 8.2572401		ID. B-3506		COUNTY RANDOLPH		GEOLOGIST STICKNEY J.K.						
SITE DESCRIPTION BRIDGE NO. 226 ON SR 2832 OVER RICHLAND CREEK							GROUND WATER					
BORING NO. EB1-B		BORING LOCATION 17+10.00		OFFSET 12.00		ALIGNMENT L						
COLLAR ELEVATION 515.56		NORTHING 689824.8182		EASTING 1780077.2035		0 HR. DRY						
TOTAL DEPTH 2.15		DRILL MACHINE CME-550		DRILL METHOD H.S. AUGERS		NO SPT						
START DATE 51403		COMPLETION DATE 51403		SURFACE WATER DEPTH		DEPTH TO ROCK 2.15						
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'	0	25	50	75				100
515.56												
515.00										S-4	D	RESIDUAL - STIFF TO HARD RED-BROWN SANDY SILTY CLAY
510.00												
505.00												
500.00												
495.00												
490.00												
485.00												
480.00												
475.00												
470.00												
465.00												
460.00												
455.00												
450.00												
445.00												
440.00												

AUGER REFUSAL AT
 ELEVATION 513.41 FEET
 ON HARD ROCK