

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2801601		ID. B-3828		COUNTY CLEVELAND		GEOLOGIST ROGERS J.P.							
SITE DESCRIPTION BRIDGE NO. 233 ON SR 1906 OVER BUFFALO CREEK							GROUND WATER						
BORING NO. EB2-A		BORING LOCATION 15+40.00		OFFSET -10.00		ALIGNMENT L							
COLLAR ELEVATION 801.29		NORTHING 600359.7082		EASTING 1260446.2618		24 HR. 14.0							
TOTAL DEPTH 24.4		DRILL MACHINE CME-550		DRILL METHOD NW CASING		HAMMER TYPE AUTOMATIC							
START DATE 22503		COMPLETION DATE 22503		SURFACE WATER DEPTH		DEPTH TO ROCK 24.4							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75				
801.29	0	1	1	2	1	X3						M	(ROADWAY FILL) RED-BRN SOFT MOIST CLAYEY SANDY SILT
800.00													
795.00	5.1	Ø	1	1	1	X2						M	
790.00	10.1	Ø	1	3	1	X4							
785.00	15.1	Ø	2	3	1	X5						SS-2	(ALLUVIUM) GRAY-TAN MED. STIFF MOIST TO WET CLAYEY F. SANDY SILT
780.00	20.1	6	13	15	1	X28						SS-2A	(RESIDUAL) TAN MED. DENSE MOIST TO WET SILTY F. SAND
775.00	24.4	10Ø			0								WEATHERED ROCK
TERMINATED BORING AT ELEV. 776.89 ON CRYSTALLINE ROCK													

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PROJECT NO. 8.2801601		ID. B-3828		COUNTY CLEVELAND		GEOLOGIST ROGERS J.P.							
SITE DESCRIPTION BRIDGE NO. 233 ON SR 1906 OVER BUFFALO CREEK							GROUND WATER						
BORING NO. EB2-B		BORING LOCATION 15+40.00		OFFSET 15.00		ALIGNMENT L							
COLLAR ELEVATION 801.42		NORTHING 600341.3940		EASTING 1260429.2445		24 HR. 21.0							
TOTAL DEPTH 29.0		DRILL MACHINE CME-550		DRILL METHOD NWCASTRI-CONE		HAMMER TYPE AUTOMATIC							
START DATE 22503		COMPLETION DATE 22503		SURFACE WATER DEPTH		DEPTH TO ROCK 29.0							
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75				
801.42	0	1	1	1	1	X2						SS-1	(ROADWAY FILL) RED-BRN SOFT TO MED. STIFF MOIST TO WET CLAYEY F. SANDY SILT
800.00													
795.00	5.6	Ø	1	1	1	X2						M	
790.00	10.6	Ø	2	4	1	X6						SS-1A	M/W
785.00	15.6	18	14	15	1	X29						SS-1B	(ALLUVIUM) BRN MED. DENSE WET SILTY CSE. & F. SAND W/RK. FRAGS.
780.00	20.6	1	1	3	1	X4						SS-1C	GRAY V. LOOSE TO LOOSE WET SILTY F. SAND
775.00	25.6	4	3	6	1	X9							(RESIDUAL) TAN LOOSE WET SILTY F. SAND
770.00	29	10Ø			0								WEATHERED ROCK
TRI-CONE REFUSAL AT ELEV. 772.42 ON CRYSTALLINE ROCK													