NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J
SITE DESCRIPTION 16-inch Diameter Waterline Crossing over Little River			**GROUND WTR (ft)**
BORING NO. U-2	**STATION** 339+88	**OFFSET** 111 ft LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEV. 382.6 ft	**TOTAL DEPTH** 23.6 ft	**NORTHING** 586,295	**EASTING** 1,746,175	**24 HR.** FIAD
DRILL RIG/HAMMER EFF./DATE AME9553 CME-550X 83% 05/04/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic
DRILLER Cutter, R	**START DATE** 07/26/13	**COMP. DATE** 07/26/13	**SURFACE WATER DEPTH** N/A

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT (0 25 50 75 100)	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION ELEV. (ft)	DEPTH (ft)
385										382.6 GROUND SURFACE	0.0
	381.6	1.0								**ALLUVIAL** DARK BROWN, SILTY CLAYEY F. SAND (A-2-6) WITH SOME GRAVEL	
380			2	2	2	4		M			
	379.1	3.5									
			WOH	1	2	3		M			
	376.6	6.0									
375			1	1	2	3		M		375.6	7.0
	374.1	8.5								DARK BROWN, SILTY CSE. SAND (A-2-4) WITH GRAVEL	
			1	1	2	3		W			
370										369.6	13.0
	369.1	13.5								**WEATHERED ROCK** PALE BLUE-GRAY, METAVOLCANIC (FELSIC) TUFF	
			8	23	77/0.3	100/0.8					
365											
	364.1	18.5									
			100/0.3			100/0.3					
360											
	359.1	23.5								359.1	23.5
			60/0.1			60/0.1				359.0 **CRYSTALLINE ROCK** METAVOLCANIC (FELSIC) TUFF	23.6
										Boring Terminated WITH STANDARD PENETRATION TEST REFUSAL at Elevation 359.0 ft IN CR: METAVOLCANIC (FELSIC) TUFF	

NCDOT BORE SINGLE R0623_GEO_BRDG_DUAL_BRIDGE_OVER_LITTLE_RIVER.GPJ NC_DOT.GDT 8/8/13