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-1	**STATION** 338+19	**OFFSET** 104 ft LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEV. 382.4 ft	**TOTAL DEPTH** 18.6 ft	**NORTHING** 586,367	**EASTING** 1,746,022	**24 HR.** 4.6
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** 07/22/13	**COMP. DATE** 07/22/13	**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										382.4 GROUND SURFACE	0.0
380	381.4	1.0	WOH	1	2	3		M		**ALLUVIAL** BROWN, SILTY CLAY (A-7) WITH TRACE ORGANICS (ROOTS) 379.4	3.0
	378.9	3.5	1	1	1	2				**RESIDUAL** BROWN TO GRAY-BROWN, MOTTLED, SANDY CLAY (A-6)	
375	376.4	6.0	1	2	2	4		W		374.9	7.5
	373.9	8.5	1	1	2	3		W		GRAY-BROWN AND BROWN, CLAYEY F. SANDY SILT (A-4) 371.4	11.0
370	368.9	13.5	100/0.3			100/0.3				**WEATHERED ROCK** LIGHT BROWN AND GREEN-BLUE, METAVOLCANIC (FELSIC) TUFF	
365	363.9	18.5	60/0.1			60/0.1				363.9	18.5
										363.8 **CRYSTALLINE ROCK** BROWN AND GREEN-BLUE, METAVOLCANIC (FELSIC) TUFF	18.6

Boring Terminated BY AUGER REFUSAL at Elevation 363.8 ft IN CR: METAVOLCANIC (FELSIC) TUFF