NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J
SITE DESCRIPTION Dual Bridges on -L- over Little River			**GROUND WTR (ft)**
BORING NO. B1-A RL	**STATION** 339+08	**OFFSET** 19 ft RT	**ALIGNMENT** -L-	**0 HR.** 2.6
COLLAR ELEV. 374.8 ft	**TOTAL DEPTH** 21.3 ft	**NORTHING** 586,217	**EASTING** 1,746,043	**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** 07/23/13	**COMP. DATE** 07/23/13	**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)
375										374.8 GROUND SURFACE	0.0
	373.8	1.0								**ALLUVIAL** BLUE-GRAY AND BROWN, SILTY SANDY CLAY (A-6)	
			1	1	2	3					
	371.3	3.5								371.3	3.5
370	369.8	5.0	3	97/0.3		100/0.8				**WEATHERED ROCK** GREEN-BLUE, BLUE-GRAY, AND BROWN, METAVOLCANIC (FELSIC) TUFF	
			60/0.0			60/0.0				369.8	5.0
365										**CRYSTALLINE ROCK** GREENISH BLUE, BROWN, AND DARK BLUE-GRAY, METAVOLCANIC (FELSIC) TUFF	
360											
355										353.5	21.3
										Boring Terminated at Elevation 353.5 ft IN CR: METAVOLCANIC (FELSIC) TUFF	

NCDOT GEOTECHNICAL ENGINEERING UNIT
CORE BORING REPORT

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J
SITE DESCRIPTION Dual Bridges on -L- over Little River			**GROUND WTR (ft)**
BORING NO. B1-A RL	**STATION** 339+08	**OFFSET** 19 ft RT	**ALIGNMENT** -L-	**0 HR.** 2.6
COLLAR ELEV. 374.8 ft	**TOTAL DEPTH** 21.3 ft	**NORTHING** 586,217	**EASTING** 1,746,043	**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** 07/23/13	**COMP. DATE** 07/23/13	**SURFACE WATER DEPTH** N/A
CORE SIZE NQ	**TOTAL RUN** 16.3 ft		

ELEV (ft)	RUN ELEV (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min/ft)	RUN REC. (ft) %	RUN RQD (ft) %	SAMP. NO.	STRATA REC. (ft) %	STRATA RQD (ft) %	LOG	DESCRIPTION AND REMARKS ELEV. (ft)	DEPTH (ft)
369.8											Begin Coring @ 5.0 ft	
	369.8	5.0	1.3	3:10/1.3	(0.6)	(0.0)		(15.3)	(9.6)		369.8 **CRYSTALLINE ROCK** GREENISH BLUE, BROWN, AND DARK BLUE-GRAY, FRESH TO MOD. SEV. WEATHERED, MED. HARD TO V. HARD, MOD. CLOSELY TO V. CLOSELY FRACTURED, METAVOLCANIC (FELSIC) TUFF	5.0
	368.5	6.3			46%	0%		94%	59%			
			5.0	3:23/1.0								
				2:43/1.0	(4.8)	(2.7)						
				3:20/1.0	96%	54%						
365				3:03/1.0								
	363.5	11.3		8:29/1.0								
			5.0	3:14/1.0	(4.9)	(2.8)						
				3:23/1.0	98%	56%						
360				3:13/1.0								
				3:51/1.0								
	358.5	16.3		4:58/1.0								
			5.0	3:46/1.0	(5.0)	(4.1)						
				3:21/1.0	100%	82%						
355				3:37/1.0								
				3:46/1.0								
	353.5	21.3		5:45/1.0							353.5	21.3
											Boring Terminated at Elevation 353.5 ft IN CR: METAVOLCANIC (FELSIC) TUFF	