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. B2-A RL	**STATION** 340+28	**OFFSET** 19 ft RT	**ALIGNMENT** -L- — **0 HR.** N/A
COLLAR ELEV. 371.4 ft	**TOTAL DEPTH** 22.5 ft	**NORTHING** 586,161	**EASTING** 1,746,149 — **24 HR.** N/A
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** 07/18/13	**COMP. DATE** 07/18/13	**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											
										371.4 GROUND SURFACE	0.0
370	370.4	1.0								**ALLUVIAL**	
			6	14	11	25		W		TAN, GRAY, LIGHT BROWN, AND GREEN, SILTY SANDY GRAVEL (A-1)	
	367.9	3.5								367.9	3.5
			60	40/0.1		100/0.6				**WEATHERED ROCK**	
365	365.4	6.0								LIGHT BROWN, ORANGE-BROWN, AND DARK BROWN, MOTTLED, METAVOLCANIC (FELSIC) TUFF	
			100/0.3			100/0.3					
	363.9	7.5	60/0.0			60/0.0				363.9	7.5
										CRYSTALLINE ROCK	
360										DARK BLUE-GREEN, GREEN, AND RED-PURPLE, MOTTLED, METAVOLCANIC (FELSIC) TUFF	
355											
350										348.9	22.5
										Boring Terminated at Elevation 348.9 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)**
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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** 07/18/13	**COMP. DATE** 07/18/13	**SURFACE WATER DEPTH** N/A
CORE SIZE NQ	**TOTAL RUN** 15.0 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)
363.9											Begin Coring @ 7.5 ft	
	363.9	7.5	5.0	11:24/1.0 7:58/1.0 4:55/1.0 6:54/1.0 3:03/1.0	(3.7) 74%	(1.5) 30%		(11.1) 74%	(7.1) 47%		363.9 **CRYSTALLINE ROCK**	7.5
360											DARK BLUE-GREEN, GREEN, AND RED-PURPLE, MOTTLED, SLI. TO SEV. WEATHERED, MOD. HARD TO SOFT, CLOSELY TO V. CLOSELY FRACTURED, METAVOLCANIC (FELSIC) TUFF	
	358.9	12.5										
			5.0	6:36/1.0 4:58/1.0 4:53/1.0 5:44/1.0 6:15/1.0	(3.4) 68%	(1.9) 38%						
355												
	353.9	17.5										
			5.0	4:17/1.0 4:45/1.0 5:01/1.0 5:29/1.0 4:42/1.0	(4.0) 80%	(3.7) 74%						
350												
	348.9	22.5									348.9	22.5
											Boring Terminated at Elevation 348.9 ft IN CR: METAVOLCANIC (FELSIC) TUFF	