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. EB1-B LL	**STATION** 337+80	**OFFSET** 19 ft LT	**ALIGNMENT** -L- / **0 HR.** N/A
COLLAR ELEV. 391.5 ft	**TOTAL DEPTH** 22.4 ft	**NORTHING** 586,310	**EASTING** 1,745,948 / **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** 07/25/13	**COMP. DATE** 07/25/13	**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)
395											
										391.5 GROUND SURFACE	0.0
390	390.5	1.0								**RESIDUAL** LIGHT ORANGE-BROWN AND LIGHT GRAY, SANDY CLAY (A-6)	
	388.0	3.5	3	2	4	6		M		388.5	3.0
			3	5	8	13		M		LIGHT ORANGE-BROWN AND LIGHT GRAY, MOTTLED, SILTY CLAY (A-7)	
385	385.5	6.0	6	12	14	26		M		386.0	5.5
	383.0	8.5	8	11	13	24		M		LIGHT ORANGE-BROWN AND LIGHT GRAY, MOTTLED, F. SANDY SILT (A-4)	
380										379.0	12.5
	378.0	13.5	100/0.2			100/0.2				**WEATHERED ROCK** LIGHT GRAY AND BROWN, METAVOLCANIC (FELSIC) TUFF	
375	373.0	18.5	100/0.4			100/0.4					
370	369.1	22.4	60/0.0			60/0.0				369.1	22.4
										Boring Terminated WITH STANDARD PENETRATION TEST REFUSAL at Elevation 369.1 ft ON CR: METAVOLCANIC (FELSIC) TUFF	

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. EB1-B RL	**STATION** 338+06	**OFFSET** 67 ft RT	**ALIGNMENT** -L- / **0 HR.** N/A
COLLAR ELEV. 401.4 ft	**TOTAL DEPTH** 34.0 ft	**NORTHING** 586,222	**EASTING** 1,745,930 / **24 HR.** 10.7
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
405										
										401.4 GROUND SURFACE 0.0
400	400.4	1.0								**ROADWAY EMBANKMENT** RED-BROWN, ORANGE-BROWN, AND LIGHT GRAY, SANDY CLAY (A-6)
	397.9	3.5	2	2	2	4		M		
			1	2	WOH	2		M		
395	395.4	6.0	1	1	2	3		W		
	392.9	8.5	WOH	1	2	3		▼		391.9 9.5
390										**ALLUVIAL** LIGHT BROWN-GRAY, CLAYEY SAND (A-2-6)
	387.9	13.5	WOH	WOH	WOH	0		W		389.4 12.0
385										LIGHT GRAY, SANDY CLAY (A-6) WITH TRACE ORGANICS (WOOD DEBRIS)
	382.9	18.5	4	5	8	13		W		384.4 17.0
380										**RESIDUAL** LIGHT BLUE-GRAY, F. SANDY SILT (A-4)
	377.9	23.5	34	66/0.2		100/0.7				378.4 23.0
375										**WEATHERED ROCK** LIGHT BROWN AND GREENISH BLUE, METAVOLCANIC (FELSIC) TUFF
	372.9	28.5	100/0.4			100/0.4				
370										
	367.9	33.5	100/0.5			100/0.5				367.4 34.0
										Boring Terminated at Elevation 367.4 ft IN WR: METAVOLCANIC (FELSIC) TUFF

NCDOT BORE DOUBLE R0623_GEO_BRDG_DUAL_BRIDGE_OVER_LITTLE_RIVER.GPJ NC_DOT.GDT 10/23/13