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 Warner Creek				**GROUND WTR (ft)**
BORING NO. EB1-C LL	**STATION** 122+42	**OFFSET** 35 ft LT	**ALIGNMENT** -L-	**0 HR.** 10.7
COLLAR ELEV. 454.6 ft	**TOTAL DEPTH** 39.2 ft	**NORTHING** 578,550	**EASTING** 1,729,142	**24 HR.** 3.1
DRILL RIG/HAMMER EFF./DATE AME249533 CME-550X 91% 05/08/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic	
DRILLER Boyce, B	**START DATE** 03/18/13	**COMP. DATE** 03/18/13	**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)
455										454.6 GROUND SURFACE	0.0
	453.6	1.0								**ALLUVIAL** LIGHT BROWN, DARK BROWN, AND GRAY, SANDY SILT (A-4) WITH TRACE ORGANICS (ROOTS)	
			10	14	17	31					
	451.1	3.5								451.6	3.0
450			10	10	11	21		M		BROWN AND GRAY, SILTY SAND (A-2-4)	
	448.6	6.0								449.6	5.0
			13	11	11	22		W		**RESIDUAL** LIGHT GRAY, BROWN, AND PINK, SILTY SAND (A-2-4), SAPROLITIC	
	446.1	8.5									
445			9	10	17	27		M			
	441.1	13.5									
440			16	33	54	87		M			
	436.1	18.5								436.6	18.0
435			49	51/0.2		100/0.7				**WEATHERED ROCK** LIGHT GRAY, BROWN, AND PURPLE, METAVOLCANIC (FELSIC) TUFF	
	431.1	23.5									
430			62	38/0.1		100/0.6					
	426.1	28.5									
425			100/0.5			100/0.5					
	421.1	33.5								422.6	32.0
420			19	16	23	39		M		**RESIDUAL** GRAY, PURPLE, AND BROWN, SILTY SAND (A-2-4), SAPROLITIC	
										417.6	37.0
	416.1	38.5								**WEATHERED ROCK** GRAY, PURPLE, AND BROWN, METAVOLCANIC (FELSIC) TUFF	
			75	25/0.2		100/0.7				415.4	39.2

Boring Terminated at Elevation 415.4 ft IN WR: METAVOLCANIC (FELSIC) TUFF

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J	
SITE DESCRIPTION Dual Bridges on -L- over Warner Creek				**GROUND WTR (ft)**
BORING NO. EB1-C RL	**STATION** 122+68	**OFFSET** 35 ft RT	**ALIGNMENT** -L-	**0 HR.** 9.2
COLLAR ELEV. 453.6 ft	**TOTAL DEPTH** 13.9 ft	**NORTHING** 578,476	**EASTING** 1,729,137	**24 HR.** 0.5
DRILL RIG/HAMMER EFF./DATE AME249533 CME-550X 91% 05/08/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic	
DRILLER Boyce, B	**START DATE** 03/18/13	**COMP. DATE** 03/18/13	**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
455										453.6 GROUND SURFACE 0.0
	452.6	1.0								**ALLUVIAL** LIGHT GRAY AND BROWN, SANDY SILT (A-4) WITH QUARTZ AND GRAVEL
			5	7	9	16		W		
450	450.1	3.5								
			8	11	8	19		W		
	447.6	6.0								448.1 5.5
			87	13/0.0		100/0.5				**WEATHERED ROCK** LIGHT GRAY, BROWN, AND ORANGE, METAVOLCANIC (FELSIC) TUFF
445	445.1	8.5								
			95	5/0.0		100/0.5				
440	440.1	13.5								439.7 13.9
			100/0.4			100/0.4				Boring Terminated at Elevation 439.7 ft IN WR: METAVOLCANIC (FELSIC) TUFF