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. EB2-C LL	**STATION** 124+98	**OFFSET** 35 ft LT	**ALIGNMENT** -L- / **0 HR.** 7.3
COLLAR ELEV. 453.6 ft	**TOTAL DEPTH** 18.7 ft	**NORTHING** 578,446	**EASTING** 1,729,375 / **24 HR.** 2.3
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** 03/13/13	**COMP. DATE** 03/13/13	**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											
	452.6	1.0								453.6 GROUND SURFACE	0.0
			1	3	6	9				**ALLUVIAL** LIGHT GRAY, CLAYEY SANDY SILT (A-4) WITH TRACE ORGANICS (ROOTS)	
450	450.1	3.5	5	5	3	8		W			
	447.6	6.0	97	3/0.0		100/0.5				448.1 **WEATHERED ROCK** GRAY AND PURPLE, METAVOLCANIC (FELSIC) TUFF	5.5
445	445.1	8.5	100/0.3			100/0.3					
440	440.1	13.5	56	44/0.2		100/0.7					
435	435.1	18.5	100/0.2			100/0.2				434.9 Boring Terminated at Elevation 434.9 ft IN WR: METAVOLCANIC (FELSIC) TUFF	18.7

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. EB2-C RL	**STATION** 125+22	**OFFSET** 35 ft RT	**ALIGNMENT** -L- / **0 HR.** 4.2
COLLAR ELEV. 454.0 ft	**TOTAL DEPTH** 13.5 ft	**NORTHING** 578,372	**EASTING** 1,729,369 / **24 HR.** 2.7
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** 03/13/13	**COMP. DATE** 03/13/13	**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											
	453.0	1.0								454.0 GROUND SURFACE	0.0
			12	12	8	20				**ALLUVIAL** LIGHT BROWN AND ORANGE, SANDY SILT (A-4)	
450	450.5	3.5	4	8	6	14		W		451.0 LIGHT BROWN, ORANGE, AND LIGHT PINK, SILTY SAND (A-2-4)	3.0
	448.0	6.0	44	56/0.1		100/0.6				448.5 **WEATHERED ROCK** LIGHT GRAY, BROWN, AND ORANGE, METAVOLCANIC (FELSIC) TUFF	5.5
445	445.5	8.5	74	26/0.1		100/0.6					
	440.5	13.5	60/0.0			60/0.0				440.5 Boring Terminated WITH STANDARD PENETRATION TEST REFUSAL at Elevation 440.5 ft ON CR: METAVOLCANIC (FELSIC) TUFF	13.5