NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** French, B
SITE DESCRIPTION NC 24/27 Troy Bypass from SR 1138 (Dairy Rd) to East of Little River			**GROUND WTR (ft)**
BORING NO. R-54b	**STATION** 157+49	**OFFSET** 192 ft RT	**ALIGNMENT** -L- **0 HR.** 33.0
COLLAR ELEV. 611.9 ft	**TOTAL DEPTH** 35.0 ft	**NORTHING** 577,532	**EASTING** 1,732,516 **24 HR.** 24.9
DRILL RIG/HAMMER EFF./DATE AME9553 CME-550X 72% 04/01/2011		**DRILL METHOD** 2 1/4" ID HSA W/ PLUG	**HAMMER TYPE** N/A
DRILLER Meatyard, C	**START DATE** 01/30/12	**COMP. DATE** 01/30/12	**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)
615										611.9 GROUND SURFACE	0.0
610										**RESIDUAL** LIGHT ORANGE AND BROWN, V. STIFF, DRY TO MOIST, SILTY SANDY CLAY (A-6)	
										606.9	5.0
605										**RESIDUAL** LIGHT BROWN AND ORANGE, V. STIFF, MOIST TO WET, CLAYEY SANDY SILT (A-4)	
600											
595											
590											
585											
580											
										576.9	35.0
										Boring Terminated by Boring Termination at Elevation 576.9 ft IN RES: CLAYEY SANDY SILT	

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** French, B
SITE DESCRIPTION NC 24/27 Troy Bypass from SR 1138 (Dairy Rd) to East of Little River			**GROUND WTR (ft)**
BORING NO. R-56b	**STATION** 163+60	**OFFSET** 209 ft RT	**ALIGNMENT** -L- **0 HR.** 30.2
COLLAR ELEV. 628.0 ft	**TOTAL DEPTH** 42.0 ft	**NORTHING** 577,580	**EASTING** 1,733,145 **24 HR.** 26.9
DRILL RIG/HAMMER EFF./DATE AME9553 CME-550X 72% 04/01/2011		**DRILL METHOD** 2 1/4" ID HSA W/ PLUG	**HAMMER TYPE** N/A
DRILLER Meatyard, C	**START DATE** 01/31/12	**COMP. DATE** 01/31/12	**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
630										628.0 GROUND SURFACE 0.0
625										**RESIDUAL** LIGHT BROWN AND ORANGE, STIFF TO V. STIFF, DRY TO WET, SANDY SILTY (A-4), SAPROLITIC
620										
615										
610										
605										
600										
595										
590										586.0 42.0
										Boring Terminated by Boring Termination at Elevation 586.0 ft IN RES: SANDY SILT