



WBS ELEMENT NO33454.1.1		ID No.	B-4096	COUNTY	Davidson	GEOLOGIST			P. Weaver/P. Alton														
SITE DESCRIPTION								BRIDGE 140 OVER RICH FORK CREEK ON US 29-70/1-85 BUSINESS				GROUND WATER (ft)											
BORING NO.		EB1-B1		BORING LOCATION		18+74		OFFSET	22ft RT			ALIGNMENT	-L-										
COLLAR ELEV.		671.1 ft		NORTHING		771895.49		EASTING		1651281.54		0 HR.	NM										
TOTAL DEPTH		59.0 ft		DRILL MACHINE		CME 45		DRILL METHOD		HSA		24 HR.	18.0										
DATE STARTED				3/4/04				COMPLETED				3/5/04				SURFACE WATER DEPTH				NA			
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	LOG	SOIL AND ROCK DESCRIPTION										
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100									
671.1														671.1	0.00								
670.1	1.0																						
667.6	3.5	4	6	8								M											
665.1	6.0	2	2	3								SS-5	25.4%	ROADWAY EMBANKMENT FILL: Stiff to Medium Stiff, Tan and Orange, Clayey, Coarse to Fine Sandy SILT with a Little Mica and Gravel									
662.6	8.5	3	3	5								M											
657.6	13.5	3	5	9								M		662.1	9.0								
652.6	18.5	2	3	5								SS-6	28.5%	ROADWAY EMBANKMENT FILL: Medium Dense, Grey and White, Clayey, Silty, Fine to Coarse SAND with a Little Mica									
647.6	23.5	1	1	1								M		659.1	12.0								
642.6	28.5	2	3	3								SS-7	29.4%	ROADWAY EMBANKMENT FILL: Stiff to Soft, Brown-Orange to Grey, Silty, Coarse to Fine Sandy CLAY with a Little Mica and a Trace of Gravel									
637.6	33.5	1	8	6										649.1	22.0								
632.6	38.5	48	26	17																			
627.6	43.5	18	30	32								S		ALLUVIAL: Medium Stiff, Grey, Coarse to Fine Sandy SILT with a Trace of Clay									
622.6	48.5	28	54	46/0.3								W		642.1	29.0								
617.6	53.5	25	51	49/0.2								M		RESIDUAL: Medium Dense to Dense, Grey, Silty, Fine to Coarse SAND									
612.6	58.5	35	65/0.3											635.1	36.0								
														Hard, Dark Grey with White and Brown, Coarse to Fine Sandy SILT									
		100/0.5												632.1	38.0								
														WEATHERED ROCK: Grey and White Metadiorite									
														627.1	44.0								
														Boring Terminated at Elevation 612.1 feet in Weathered Rock: Metadiorite									
														612.1	59.0								

NCDOT BORE SINGLE 07104004.GPJ NC DOT GDT 3/23/04