



PROJECT NO.		ID No.		COUNTY		GEOLOGIST							
33253.1.1		B-3714		Wilkes		B. Morton							
SITE DESCRIPTION							GROUND WATER (ft)						
Bridge No. 83 over Mulberry Creek on NC 268							0 HR.	NM					
BORING NO.	BORING LOCATION		OFFSET	ALIGNMENT									
TEB2-A	17+82		16ft LT	-L-									
COLLAR ELEV.	NORTHING		EASTING										
990.0 ft	895373.08		1376490.19				24 HR. 14.0						
TOTAL DEPTH	DRILL MACHINE		DRILL METHOD		HAMMER TYPE								
54.4 ft	Mobile B-57		Wash Rotary		140lb Manual								
DATE STARTED		COMPLETED		SURFACE WATER DEPTH									
12/14/04		12/15/04		NA									
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
990.0													990.0 0.00
989.0	1.0	3	4	5								M	ALLUVIAL: Stiff, Tan-Brown, Micaceous, Clayey, Fine SANDY SILT
986.5	3.5	4	4	6								SS-26 32.5%	984.5 5.5
984.0	6.0	3	6	21								M	ALLUVIAL: Medium Dense to Very Dense, Orange Brown to Tan Brown, Micaceous, Silty, Coarse to Fine SAND with Gravel
981.5	8.5	25	20	33								W	NOTE: Blow counts influenced by gravel
976.5	13.5	22	36	37									979.0 11.0
971.5	18.5	32	31	25									BOULDERS (Estimated Width Between 2ft and 3ft)
966.5	23.5	10	13	20									977.0 13.0
961.5	28.5	15	25	26									RESIDUAL: Very Dense, White and Tan to Brown, Silty, Coarse to Fine SAND with a Little Mica (Saprolite)
956.5	33.5	17	37	41									968.0 22.0
950.5	39.5	65	35/0.2										Hard, White and Tan to Brown, Micaceous, Fine SANDY SILT (Saprolite)
946.5	43.5	19	36	49									955.0 35.0
941.5	48.5	82	18/0.1										WEATHERED ROCK: Brown with Gray Biotite Gneiss
936.5	53.5	37	63/0.4										947.0 43.0
													RESIDUAL: Very Dense, Tan-Brown, Micaceous, Silty, Coarse to Fine SAND (Saprolite)
													944.0 46.0
													WEATHERED ROCK: Brown with Gray, Biotite Gneiss
													935.6 54.4
													Boring Terminated at Elevation 935.6ft in WEATHERED ROCK: Biotite Gneiss
													NOTE: Bentonite and creek water used as drilling fluid
													Mud density = 65.2lbs/cu. ft. at 13.5ft

NCDOT BORE SINGLE 07104040.GPJ NC\_DOT\_GDT 12/23/04