

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2663501		ID B-3623		COUNTY CABARRUS		GEOLOGIST T.A. MECHUM									
SITE DESCRIPTION BRIDGE NO.176 OVER REEDY CREEK ON SR 1136							GND WATER								
BORING NO 1980		NORTHING 0.00		EASTING 0.00		0 HR 3.00ft	24 HR 0.00ft								
ALIGNMENT L		BORING LOCATION 19+80.000		OFFSET 0.00ft											
COLLAR ELEV 535.18ft		TOTAL DEPTH 17.85ft		START DATE 3/31/03		COMPLETION DATE 03/31/03									
DRILL MACHINE DIEDRICH D-50			DRILL METHOD H.S. AUGERS			HAMMER TYPE MANUAL									
SURFACE WATER DEPTH			DEPTH TO ROCK 17.85ft			Log 1980, Page 1 of 1									
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100					
535.18	0.00	2	2	2	1.0	Ground Surface									
	3.50	3	3	5	1.0	4						SS-7	M		(ALLUVIUM) BROWN, SOFT-MED. STIFF, MOIST, SANDY SILTY CLAY
530.00						8						SS-8	M		BROWN-GRAY, MOTTLED, MED. STIFF-STIFF, MOIST, SILTY SANDY CLAY
	8.50	4	4	4	1.0	8						SS-9	M		BROWN-GRAY, MOTTLED, MED. STIFF-STIFF, MOIST, SILTY SANDY CLAY
	13.50	19	13	8	1.0	21						SS-10	M		(RESIDUAL) GRAY, MED. DENSE, MOIST, SILTY CSE. SAND
520.00															(WEATHERED ROCK)
517.33						AUGER REFUSAL AT ELEV. 517.33' ON HARD ROCK									