

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 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 EB2-A		NORTHING 0.00		EASTING 0.00		0 HR 2.50ft							
ALIGNMENT L		BORING LOCATION 19+30.000		OFFSET 15.00ft LT		24 HR 0.30ft							
COLLAR ELEV 534.99ft		TOTAL DEPTH 16.50ft		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 16.50ft			Log EB2-A, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75	100			
534.99	0.00	2	3	3	1.0	Ground Surface							
	3.50	2	2	3	1.0	X-6					SS-5	W	(ALLUVIUM) BROWN, SOFT, WET, SILTY CLAY
530.00						X-5						M	BROWN-GRAY, MOTTLED, MED. STIFF, MOIST, SILTY SANDY CLAY
	8.50	1	2	2	1.0	X-4						SAT	GRAY, V. LOOSE-LOOSE, SAT., SAND
	13.50	18	26	44	1.0	X-70					SS-6	M	(RESIDUAL) GRAY, V. DENSE, MOIST, SILTY CSE. SAND
520.00						AUGER REFUSAL AT ELEV. 518.49' ON HARD ROCK							(WEATHERED ROCK)
518.49													

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 EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 0.60ft							
ALIGNMENT L		BORING LOCATION 19+30.000		OFFSET 15.00ft RT		24 HR 0.00ft							
COLLAR ELEV 534.61ft		TOTAL DEPTH 18.00ft		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 N/A			DEPTH TO ROCK 18.00ft			Log EB2-B, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION
		6in	6in	6in		0	25	50	75	100			
534.61	0.00	2	3	4	1.0	Ground Surface							
	3.50	1	0	1	1.0	X-7					SS-1	M	(ALLUVIUM) BROWN, MIC., V. SOFT-MED. STIFF, MOIST, SILTY CLAY
530.00						X-1					ST-1, ST-2	M	
	8.50	1	2	2	1.0	X-4					SS-3	SAT	GRAY, V. LOOSE-LOOSE, SAT., CSE. SAND W/ GRAVEL
	13.50	27	73	27	0.6	X-100					SS-4	SAT	(WEATHERED ROCK)
520.00						AUGER REFUSAL AT ELEV. 516.61' ON HARD ROCK							
516.61	18.00	100			0.0								