

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830501		ID R-2206C		COUNTY CATAWBA		GEOLOGIST J.K. STICKNEY						
SITE DESCRIPTION NC 16 (-L-) OVER EAST MAIDEN RD. (-Y15-)							GND WATER					
BORING NO EB1-A LTLN		NORTHING 0.00		EASTING 0.00		0 HR 4.48m						
ALIGNMENT -L-		BORING LOCATION 245+77.000		OFFSET 20.20m LT		24 HR 3.90m						
COLLAR ELEV 292.02m		TOTAL DEPTH 7.98m		START DATE 5/21/03		COMPLETION DATE 05/21/03						
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 7.98m			Log EB1-A LTLN, Page 1 of 1						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
292.02												Ground Surface
291.00	1.16	1	4	4	0.30							(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED. STIFF-STIFF, MOIST, SILTY V. SANDY CLAY
289.00	2.68	4	4	3	0.30							TAN-ORANGE-WHITE, LOOSE, MOIST, SILTY CSE. SAND
287.00	4.21	2	4	5	0.30							(WEATHERED ROCK) TAN-WHITE-ORANGE, V. DENSE, MOIST-WET, SILTY CSE. SAND
285.00	5.73	20	88	12	0.21					SS-6		
284.04	7.26	100			0.11							
AUGER REFUSAL AT ELEV. 284.041 METERS ON HARD ROCK												

PROJECT NO 8.1830501		ID R-2206C		COUNTY CATAWBA		GEOLOGIST J.K. STICKNEY						
SITE DESCRIPTION NC 16 (-L-) OVER EAST MAIDEN RD. (-Y15-)							GND WATER					
BORING NO EB1-B LTLN		NORTHING 0.00		EASTING 0.00		0 HR 5.40m						
ALIGNMENT -L-		BORING LOCATION 245+77.000		OFFSET 9.00m LT		24 HR 5.40m						
COLLAR ELEV 293.17m		TOTAL DEPTH 8.65m		START DATE 5/20/03		COMPLETION DATE 05/20/03						
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK 8.65m			Log EB1-B LTLN, Page 1 of 1						
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
293.17												Ground Surface
292.00	0.91	2	3	3	0.30							(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED. STIFF-STIFF, MOIST, SILTY V. SANDY CLAY
290.00	2.65	3	4	8	0.30							TAN-ORANGE-WHITE, MED. DENSE, MOIST, SILTY CSE. SAND
288.00	4.17	4	7	5	0.30							(WEATHERED ROCK) TAN-BROWN-BLACK, MIC., MED. STIFF, MOIST, CLAYEY F. SANDY SILT
286.00	5.70	1	2	3	0.30							
284.52	7.22	3	75	25	0.20							(WEATHERED ROCK)
AUGER REFUSAL AT ELEV. 284.518 METERS ON HARD ROCK												