

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 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 RTLN		NORTHING 0.00		EASTING 0.00		0 HR 5.77m								
ALIGNMENT -L-		BORING LOCATION 245+77.000		OFFSET 9.00m RT		24 HR 5.50m								
COLLAR ELEV 293.54m		TOTAL DEPTH 9.19m		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 9.19m			Log EB1-A RTLN, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
293.54														Ground Surface
293.00	1.11	1	2	3	0.30	5					SS-1	M	(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED. STIFF-STIFF, MOIST, SILTY V. SANDY CLAY	
291.00	2.63	2	4	6	0.30	10						M		
289.00	4.16	8	19	15	0.30	34					SS-2	M	TAN-ORANGE-WHITE, DENSE, MOIST, SILTY CSE. SAND	
												M	(WEATHERED ROCK)	
287.00	5.68	20	88	12	0.22				100			M		
287.00	7.21	18	12	9	0.30	21					SS-3	W	TAN-ORANGE-WHITE-BLACK, MED. DENSE, WET, SAND	
285.00	8.73	3	12	88	0.22				100			W		
284.35													(WEATHERED ROCK)	
						AUGER REFUSAL AT ELEV. 284.346 METERS ON HARD ROCK								

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SITE DESCRIPTION NC 16 (-L-) OVER EAST MAIDEN RD. (-Y15-)							GND WATER							
BORING NO EB1-B RTLN		NORTHING 0.00		EASTING 0.00		0 HR 5.95m								
ALIGNMENT -L-		BORING LOCATION 245+76.500		OFFSET 18.50m RT		24 HR 5.45m								
COLLAR ELEV 293.58m		TOTAL DEPTH 8.75m		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 N/A			DEPTH TO ROCK 8.75m			Log EB1-B RTLN, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
293.58														Ground Surface
293.00	1.20	1	2	4	0.30	6						M	(RESIDUAL) RED-BLACK-TAN, HIGHLY PLASTIC, MED. STIFF-STIFF, MOIST, SILTY V. SANDY CLAY	
291.00	2.72	2	4	12	0.30	16						M	GRAY-WHITE, MED. DENSE, MOIST, F. SAND	
289.00	4.25	2	2	4	0.30	6					SS-4	M	TAN-BROWN-BLACK, MIC., MED. STIFF, MOIST, CLAYEY F. SANDY SILT	
287.00	5.77	2	3	4	0.30	7						M		
287.00	7.30	4	17	24	0.30	41					SS-5	M	TAN-WHITE-BLACK-GRAY, DENSE, MOIST, SILTY SAND	
285.00													(WEATHERED ROCK)	
284.83						AUGER REFUSAL AT ELEV. 284.835 METERS ON HARD ROCK								