

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830501		ID R-2206C		COUNTY CATAWBA		GEOLOGIST C.E. BURRIS								
SITE DESCRIPTION NC 16 (-L-) OVER NC 150 (-Y14-)							GND WATER							
BORING NO EB1-B RT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A							
ALIGNMENT L		BORING LOCATION 237+77.000		OFFSET 18.00m RT										
COLLAR ELEV 286.74m		TOTAL DEPTH 24.63m		START DATE 6/05/03		COMPLETION DATE 06/06/03								
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB1-B RT LN, Page 1 of 2								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm		SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION				
		15cm	15cm	15cm	(m)	0	25	50	75	100				
286.74														
														Ground Surface
286.00	1.19	3	5	7	0.30									RESIDUAL - STIFF RED-TAN-BROWN MICACEOUS SILTY SANDY CLAY
284.00	2.90	3	4	5	0.30									SS-8 MOIST
282.00	4.42	3	5	6	0.30									MEDIUM STIFF TO VERY STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
280.00	5.95	2	3	4	0.30									MOIST
278.00	7.47	2	3	3	0.30									MOIST
276.00	10.52	2	3	5	0.30									
274.00	12.04	2	3	4	0.30									
272.00	13.57	2	3	4	0.30									
270.00	15.09	3	4	5	0.30									
269.00	16.62	3	5	6	0.30									
														Continued on the next page

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DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB1-B RT LN, Page 2 of 2								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm		SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION				
		15cm	15cm	15cm	(m)	0	25	50	75	100				
269.00	18.14	4	6	10	0.30									
268.00	19.66	3	4	9	0.30									MEDIUM STIFF TO VERY STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
266.00	21.19	3	4	8	0.30									
264.00	22.71	3	6	10	0.30									VERY STIFF TAN-BLACK-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
262.11	24.24	5	8	12	0.30									
														BORING TERMINATED AT ELEVATION 262.109 METERS IN VERY STIFF SILT