

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 C.E. BURRIS							
SITE DESCRIPTION NC 16 (-L-) OVER NC 150 (-Y14-)							GND WATER						
BORING NO EB2-B RT LN			NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT L			BORING LOCATION 238+20.000		OFFSET 15.60m RT		24 HR N/A						
COLLAR ELEV 286.58m		TOTAL DEPTH 25.85m		START DATE 6/06/03		COMPLETION DATE 06/09/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-B RT LN, Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	(m)	0	25	50	75	100			
286.58													Ground Surface
286.00	1.34	3	4	5	0.30								RESIDUAL - MEDIUM STIFF TO STIFF RED-TAN-BROWN MICACEOUS SANDY SILTY CLAY
284.00	2.86	2	2	5	0.30								MEDIUM STIFF RED-TAN-BLACK CLAYEY SANDY SILT
282.00	4.39	1	3	4	0.30						SS-9	MOIST	MEDIUM STIFF RED-BROWN-BLACK SILTY SANDY CLAY
280.00	5.91	1	3	5	0.30								MEDIUM STIFF TO STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
278.00	7.44	2	2	5	0.30								
276.00	10.48	2	3	5	0.30								
274.00	12.01	2	3	5	0.30								
272.00	13.53	2	3	5	0.30							MOIST	
270.00	15.06	2	2	6	0.30								
269.00	16.58	2	6	8	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 EB2-B RT LN, Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm	(m)	0	25	50	75	100			
269.00													
268.00	18.10	2	7	10	0.30								MEDIUM STIFF TO STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
266.00	19.63	2	7	12	0.30								STIFF TO HARD BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
264.00	21.15	5	7	9	0.30							MOIST	
262.00	22.68	18	39	35	0.30								
260.73	24.20	42	58		0.22								WEATHERED ROCK
	25.72	49	51		0.19								
BORING TERMINATED AT ELEVATION 260.726 METERS IN WEATHERED ROCK													