

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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Sheet 13

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 LT LN			NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT L			BORING LOCATION 238+18.800		OFFSET 10.00m LT		24 HR N/A						
COLLAR ELEV 286.15m		TOTAL DEPTH 21.42m		START DATE 6/11/03		COMPLETION DATE 06/11/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-B LT LN, Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
286.15													Ground Surface
285.00	1.21	3	6	6	0.30								RESIDUAL - MEDIUM STIFF TO STIFF RED-TAN-BROWN MICACEOUS SANDY SILTY CLAY
283.00	2.73	2	2	4	0.30								MEDIUM STIFF TO STIFF GRAY-WHITE-BROWN MICACEOUS CLAYEY SANDY SILT
281.00	4.26	2	3	3	0.30								
279.00	5.78	2	3	4	0.30								SS-17 MOIST
277.00	7.31	3	3	4	0.30								
275.00	8.83	3	3	5	0.30								
273.00	10.35	2	4	4	0.30								
271.00	11.88	2	4	5	0.30								
269.00	13.40	2	4	5	0.30								
	14.93	2	4	6	0.30								MOIST
	16.45	2	5	6	0.30								
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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-B LT LN, Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
269.00													
268.00	17.97	20	21	33	0.30								MEDIUM STIFF TO STIFF GRAY-WHITE-BROWN MICACEOUS CLAYEY SANDY SILT
266.00	19.50	16	22	26	0.30								HARD GRAY-TAN-BLACK-WHITE MICACEOUS SANDY SILT
264.73	21.02	14	22	24	0.30								
BORING TERMINATED AT ELEVATION 264.726 METERS IN HARD SILT													