

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 LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 237+75.000		OFFSET 7.70m LT		24 HR N/A							
COLLAR ELEV 285.73m		TOTAL DEPTH 24.51m		START DATE 5/30/03		COMPLETION DATE 06/04/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-B LT LN, Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
285.73													
285.00	1.05	2	3	5	0.30								RESIDUAL - MEDIUM STIFF RED-TAN-BROWN SANDY SILTY CLAY
283.00	2.47	2	5	7	0.30								MEDIUM STIFF TO STIFF BROWN-TAN-BLACK-WHITE MICACEOUS CLAYEY SANDY SILT
281.00	3.99	2	5	6	0.30					SS-7	MOIST		
279.00	5.82	2	2	5	0.30								
277.00	8.87	2	2	2	0.30								
275.00	10.39	2	2	3	0.30								
273.00	11.92	3	7	4	0.30								
271.00	13.44	3	3	5	0.30						MOIST		
269.00	14.96	2	5	7	0.30								
268.00	16.49	3	7	9	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			DEPTH TO ROCK N/A			Log EB1-B LT LN, Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
268.00	17.98	2	4	11	0.30								
267.00	19.50	5	9	11	0.30								MEDIUM STIFF TO STIFF BROWN-TAN-BLACK-WHITE MICACEOUS CLAYEY SANDY SILT
265.00	21.03	9	8	10	0.30								VERY STIFF TAN-BROWN-BLACK-WHITE MICACEOUS CLAYEY SANDY SILT
263.00	22.55	3	7	16	0.30						MOIST		
261.22	24.08	5	9	11	0.30								
BORING TERMINATED AT ELEVATION 261.22 METERS IN VERY STIFF SILT													