

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-A LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A					
ALIGNMENT L		BORING LOCATION 238+18.000		OFFSET 16.50m LT								
COLLAR ELEV 286.11m		TOTAL DEPTH 22.61m		START DATE 6/10/03		COMPLETION DATE 06/10/03						
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A 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			
286.11												Ground Surface
285.00	1.24	2	3	5	0.30							RESIDUAL - MEDIUM STIFF RED-TAN-BROWN MICACEOUS SANDY SILTY CLAY
283.00	2.76	2	3	5	0.30					SS-13	MOIST	MEDIUM STIFF BROWN-TAN CLAYEY SANDY SILT
281.00	4.29	4	4	6	0.30					SS-14	MOIST	STIFF GRAY MICACEOUS CLAYEY SANDY SILT
279.00	5.81	2	3	6	0.30					SS-15	MOIST	MEDIUM STIFF TO STIFF BROWN-GRAY MICACEOUS SILTY SANDY CLAY
277.00	8.86	4	4	5	0.30					SS-16	MOIST	MEDIUM STIFF TO VERY STIFF GRAY-TAN-BLACK-WHITE MICACEOUS SANDY SILT
275.00	10.38	3	4	5	0.30							
273.00	11.88	3	5	5	0.30							
271.00	13.40	3	5	7	0.30							
269.00	14.93	4	6	10	0.30							
	16.45	10	7	10	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 EB2-A 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			
269.00												
268.00	17.98	10	12	15	0.30							MEDIUM STIFF TO VERY STIFF GRAY-TAN-BLACK-WHITE MICACEOUS SANDY SILT
266.00	19.50	100			0.15						MOIST	WEATHERED ROCK
264.00	21.02	81	19		0.17							
263.50	22.55	100			0.09							
												BORING TERMINATED AT ELEVATION 263.501 METERS IN WEATHERED ROCK