

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-A RT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT L		BORING LOCATION 237+76.500		OFFSET 8.50m RT		24 HR N/A						
COLLAR ELEV 286.20m		TOTAL DEPTH 26.11m		START DATE 6/05/03		COMPLETION DATE 06/05/03						
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A RT 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			
286.20												Ground Surface
285.00	1.31	2	3	6	0.30							RESIDUAL - MEDIUM STIFF TO STIFF RED-TAN-BROWN SANDY SILTY CLAY
283.00	2.86	2	3	4	0.30							MEDIUM STIFF TO STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
281.00	4.38	2	4	5	0.30							
279.00	5.90	2	3	5	0.30							
277.00	7.43	2	3	4	0.30							
275.00	8.95	2	2	4	0.30							
273.00	10.48	2	3	5	0.30							
271.00	12.00	2	2	5	0.30							
	13.52	2	3	5	0.30							
	15.05	2	4	5	0.30							
	16.57	2	3	6	0.30							
269.00												Continued on the next page

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-A RT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A						
ALIGNMENT L		BORING LOCATION 237+76.500		OFFSET 8.50m RT		24 HR N/A						
COLLAR ELEV 286.20m		TOTAL DEPTH 26.11m		START DATE 6/05/03		COMPLETION DATE 06/05/03						
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC						
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A RT 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	18.10	3	7	10	0.30							MEDIUM STIFF TO STIFF GRAY-BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
266.00	19.62	3	6	10	0.30							
264.00	21.14	6	9	13	0.30							
262.00	22.67	5	8	12	0.30							
260.09	24.19	5	9	14	0.30							
	25.72	5	11	18	0.30							
												BORING TERMINATED AT ELEVATION 260.086 METERS IN VERY STIFF SILT