

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

Sheet 14

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 RT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A							
ALIGNMENT L		BORING LOCATION 238+19.500		OFFSET 7.60m RT										
COLLAR ELEV 286.69m		TOTAL DEPTH 25.78m		START DATE 6/09/03		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 RT LN, Page 1 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
286.69														Ground Surface
286.00	1.29	3	4	5	0.30									RESIDUAL - MEDIUM STIFF RED-TAN-BROWN MICACEOUS SANDY SILTY CLAY
284.00	2.81	2	3	5	0.30									
282.00	4.34	3	4	5	0.30									MEDIUM STIFF TO STIFF TAN-BROWN-BLACK-WHITE MICACEOUS CLAYEY SANDY SILT
280.00	5.86	2	2	3	0.30									
278.00	7.39	1	3	5	0.30									
276.00	8.91	2	3	4	0.30									
274.00	10.43	2	3	4	0.30									
272.00	11.96	2	3	5	0.30									
270.00	13.48	2	3	5	0.30									
269.69	14.97	2	4	5	0.30									
269.69	16.49	2	4	5	0.30									
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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A RT LN, Page 2 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
269.69														
269.00	18.02	2	4	6	0.30									STIFF TO HARD BROWN-WHITE-BLACK MICACEOUS CLAYEY SANDY SILT
267.00	19.54	2	7	11	0.30									
265.00	21.07	6	15	23	0.30									
263.00	22.59	7	21	32	0.30									
261.00	24.11	60	40		0.23									WEATHERED ROCK
260.99	25.64	71	29		0.17									
BORING TERMINATED AT ELEVATION 260.996 METERS IN WEATHERED ROCK														