

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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 LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 237+75.000		OFFSET 18.20m LT		24 HR N/A							
COLLAR ELEV 285.48m		TOTAL DEPTH 29.94m		START DATE 5/27/03		COMPLETION DATE 05/29/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A 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
285.48													
285.00	1.10	2	3	5	0.30								RESIDUAL - MEDIUM STIFF RED-TAN-BROWN SANDY SILTY CLAY
283.00	2.62	2	3	5	0.30								MEDIUM STIFF TAN-RED-BLACK MICACEOUS CLAYEY SANDY SILT
281.00	4.15	3	4	4	0.30								
279.00	5.67	2	3	4	0.30								
277.00	7.20	2	3	4	0.30								
275.00	8.72	2	2	4	0.30								
273.00	10.24	2	2	4	0.30								
271.00	11.77	0	3	5	0.30								
269.00	13.29	2	3	5	0.30								
268.00	14.82	6	8	12	0.30								MEDIUM STIFF TO VERY STIFF TAN-BROWN-BLACK-WHITE CLAYEY SANDY SILT
	16.34	6	8	11	0.30								

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 LT LN		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 237+75.000		OFFSET 18.20m LT		24 HR N/A							
COLLAR ELEV 285.48m		TOTAL DEPTH 29.94m		START DATE 5/27/03		COMPLETION DATE 05/29/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A 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
268.00	17.86	4	8	12	0.30								
267.00	19.39	6	9	12	0.30								MEDIUM STIFF TO VERY STIFF TAN-BROWN-BLACK-WHITE CLAYEY SANDY SILT
265.00	20.91	5	6	13	0.30								
263.00	22.44	5	7	11	0.30								
261.00	23.96	4	4	9	0.30								
259.00	25.48	19	30	39	0.30								
257.00	27.01	38	62		0.20								
255.54	28.53	56	44		0.18								

Continued on the next page.

BORING TERMINATED AT ELEVATION 255.536 METERS IN WEATHERED ROCK