

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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PROJECT NO 8.1830501		ID R-2206C		COUNTY LINCOLN		GEOLOGIST J.K. STICKNEY								
SITE DESCRIPTION BRIDGE ON SR 1349 (MUNDY RD.) OVER NC 16							GND WATER							
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR 5.30m								
ALIGNMENT Y13		BORING LOCATION 11+97.900		OFFSET 4.30m LT		24 HR 3.50m								
COLLAR ELEV 267.31m		TOTAL DEPTH 12.80m		START DATE 6/13/03		COMPLETION DATE 06/16/03								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	(m)	0	25	50	75	100				
267.31						Ground Surface								
266.00	1.71	4	7	8	0.30		15						RESIDUAL - STIFF RED-BROWN SILTY SANDY CLAY	
264.00	3.23	2	4	5	0.30		9						SS-5 MOIST	
262.00	4.76	8	9	11	0.30		20						SS-6 MOIST	
262.00	6.28	5	6	8	0.30		14						SS-7 MOIST	
260.00	7.81	65	35		0.21					100			WEATHERED ROCK	
258.00	9.33	6	7	8	0.30		15						MEDIUM STIFF TO STIFF TAN-WHITE MICACEOUS SANDY SILT	
256.00	10.85	2	3	4	0.30		7						SS-8 MOIST	
254.51	12.38	2	12	23	0.30		35						SS-9 MOIST	
BORING TERMINATED AT ELEVATION 254.505 METERS IN DENSE SAND														

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SITE DESCRIPTION BRIDGE ON SR 1349 (MUNDY RD.) OVER NC 16							GND WATER							
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR 3.70m								
ALIGNMENT Y13		BORING LOCATION 11+99.900		OFFSET 3.40m RT		24 HR 3.40m								
COLLAR ELEV 265.90m		TOTAL DEPTH 13.55m		START DATE 6/16/03		COMPLETION DATE 06/16/03								
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log EB2-B, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm	(m)	0	25	50	75	100				
265.90						Ground Surface								
265.00	1.27	4	8	11	0.30		19						RESIDUAL - VERY STIFF RED-TAN SILTY SANDY CLAY	
263.00	2.79	6	5	12	0.30		7						MOIST	
261.00	4.32	6	8	9	0.30		7						MEDIUM STIFF TO HARD TAN-GRAY-WHITE MICACEOUS SANDY SILT	
259.00	5.84	2	3	5	0.30		8						MOIST	
257.00	7.37	2	3	4	0.30		7						MW	
255.00	8.89	12	17	24	0.30		41						MW	
253.00	10.08	4	10	10	0.30		20						MW	
252.35	11.60	6	9	11	0.30		20						MEDIUM DENSE TAN-BROWN MICACEOUS SILTY SAND	
252.35	13.13	6	9	12	0.30		21							
BORING TERMINATED AT ELEVATION 252.353 METERS IN MEDIUM DENSE SAND														