

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 LINCOLN		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION BRIDGE ON FORNEY HILL RD (SR 1373) OVER NC 16						GND WATER							
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT Y11		BORING LOCATION 12+71.600		OFFSET 6.00m RT		24 HR 11.30m							
COLLAR ELEV 261.02m		TOTAL DEPTH 16.75m		START DATE 6/18/03		COMPLETION DATE 06/18/03							
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 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				
261.02													Ground Surface
260.00	1.54	4	6	9	0.30					15			RESIDUAL - STIFF RED-TAN MICACEOUS SILTY SANDY CLAY
258.00	3.06	2	4	4	0.30					8			SS-5 MOIST
256.00	4.59	2	4	5	0.30					9			ST-1 16.7%
254.00	6.11	3	4	6	0.30					10			ST-2 17.2%
252.00	7.64	3	4	7	0.30					11			SS-6 MOIST
250.00	9.16	3	5	7	0.30					12			STIFF TO HARD TAN-GRAY MICACEOUS SANDY SILT
248.00	10.68	5	9	16	0.30					25			SS-7 MOIST
246.00	12.21	17	22	24	0.30					46			M/W
244.27	13.73	28	41	59	0.28					100			M/W
	14.93	40	51	59	0.22					100			DRY
	16.45	51	49		0.30					100			WEATHERED ROCK
													Continued on the next page

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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 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				
244.27													BORING TERMINATED AT ELEVATION 244.273 METERS IN WEATHERED ROCK