

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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GEOTECHNICAL UNIT BORING LOG

Sheet 7 of 18
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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 EB1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT Y11		BORING LOCATION 12+03.400		OFFSET 6.40m LT		24 HR 11.40m							
COLLAR ELEV 260.76m		TOTAL DEPTH 13.42m		START DATE 6/23/03		COMPLETION DATE 06/23/03							
DRILL MACHINE CME 550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
260.76													
260.00	0.86	5	8	10	0.30								EXISTING ROADWAY FILL
													RESIDUAL - VERY STIFF TO STIFF RED-TAN MICACEOUS SILTY SANDY CLAY
258.00	2.38	4	3	4	0.30								MEDIUM STIFF RED-TAN MICACEOUS SANDY SILT
													LOOSE TO MEDIUM DENSE TAN-GRAY MICACEOUS SILTY SAND
256.00	4.00	3	4	5	0.30								
255.00	5.52	7	7	9	0.30								
254.00	7.05	5	7	11	0.30								
252.00	8.57	22	46	54	0.30								WEATHERED ROCK
													DENSE TO VERY DENSE TAN-GRAY MICACEOUS SILTY SAND
250.00	10.10	11	15	28	0.30								
													WEATHERED ROCK
248.00	11.90	100			0.00								
247.34	13.42	100			0.00								
BORING TERMINATED AT ELEVATION 247.338 METERS IN WEATHERED ROCK													

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SITE DESCRIPTION BRIDGE ON FORNEY HILL RD (SR 1373) OVER NC 16						GND WATER							
BORING NO EB1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT Y11		BORING LOCATION 12+05.400		OFFSET 6.00m RT		24 HR 11.40m							
COLLAR ELEV 259.82m		TOTAL DEPTH 15.21m		START DATE 6/19/03		COMPLETION DATE 06/19/03							
DRILL MACHINE CME-550			DRILL METHOD NW CASING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-B, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75				100
259.82													
259.00													RESIDUAL - STIFF RED-TAN MICACEOUS SILTY SANDY CLAY
													STIFF RED-TAN MICACEOUS SANDY SILT
257.00	3.02	2	5	5	0.30								
255.00	4.55	5	6	7	0.30								
253.00	6.07	4	6	9	0.30								
251.00	7.60	6	9	12	0.30								
249.00	9.12	5	8	11	0.30								
247.00	10.64	2	3	7	0.30								
245.00	12.17	5	11	19	0.30								
244.61	13.69	100			0.07								WEATHERED ROCK
244.61	15.18	100			0.03								
SPT REFUSAL AT ELEVATION 259.818 METERS ON HARD ROCK													