

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830503		ID R-2206C		COUNTY LINCOLN		GEOLOGIST C.E. BURRIS							
SITE DESCRIPTION BRIDGE OVER KILLIAN CRK. ON NC 16 BETWEEN MUNDY RD. & NC 150							GND WATER						
BORING NO EB1-A NBL		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 222+80.000		OFFSET 10.50m RT		24 HR N/A							
COLLAR ELEV 256.44m		TOTAL DEPTH 5.26m		START DATE 12/01/03		COMPLETION DATE 12/01/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 5.26m			Log EB1-A NBL, 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
256.44													Ground Surface
256.00													RESIDUAL - MEDIUM DENSE TO VERY DENSE GRAY-TAN-WHITE MICACEOUS SILTY SAND
254.00	1.98	3	3	12	0.30				15		SS-5	MOIST	
252.00	3.50	5	25	37	0.30				62			MOIST	
251.18	5.03	100			0.11				100				WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 251.181 METERS ON HARD ROCK													

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SITE DESCRIPTION BRIDGE OVER KILLIAN CRK. ON NC 16 BETWEEN MUNDY RD. & NC 150							GND WATER						
BORING NO EB1-B NBL		NORTHING 0.00		EASTING 0.00		0 HR 4.60m							
ALIGNMENT L		BORING LOCATION 222+80.000		OFFSET 16.60m RT		24 HR 4.70m							
COLLAR ELEV 257.38m		TOTAL DEPTH 4.90m		START DATE 12/01/03		COMPLETION DATE 12/01/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 4.90m			Log EB1-B NBL, 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
257.38													Ground Surface
257.00													RESIDUAL - MEDIUM DENSE TO VERY DENSE GRAY-TAN-WHITE MICACEOUS SILTY SAND
255.00	1.34	21	16	7	0.30				23		SS-4	MOIST	
253.00	2.86	100			0.15				100				WEATHERED ROCK
252.48	4.39	75	25		0.18				100				WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 252.481 METERS ON HARD ROCK													