

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 SBL		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR 3.30m							
ALIGNMENT L		BORING LOCATION 222+79.500		OFFSET 17.60m LT										
COLLAR ELEV 254.63m		TOTAL DEPTH 4.48m		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 4.48m			Log EB1-A SBL, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
254.63														Ground Surface
254.00	1.80	4	6	7	0.30									RESIDUAL - STIFF RED-BROWN-GRAY SILTY SANDY CLAY
252.00	3.32	17	27	52	0.30									VERY DENSE GRAY-TAN-WHITE MICACEOUS SILTY SAND
250.15														WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 250.151 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 SBL		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR N/A							
ALIGNMENT L		BORING LOCATION 222+79.500		OFFSET 10.80m LT										
COLLAR ELEV 254.92m		TOTAL DEPTH 4.52m		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 4.52m			Log EB1-B SBL, Page 1 of 1								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm				SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75					100
254.92														Ground Surface
254.00	2.00	4	6	7	0.30									RESIDUAL - STIFF RED-BROWN-GRAY SILTY SANDY CLAY
252.00	3.52	4	6	9	0.30									MEDIUM DENSE TO VERY DENSE GRAY-TAN-WHITE MICACEOUS SILTY SAND
250.40														WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 250.396 METERS ON HARD ROCK														