

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

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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 EB2-A NBL		NORTHING 0.00		EASTING 0.00		0 HR 1.30m							
ALIGNMENT L		BORING LOCATION 223+28.000		OFFSET 11.10m RT		24 HR 1.80m							
COLLAR ELEV 251.83m		TOTAL DEPTH 7.57m		START DATE 12/02/03		COMPLETION DATE 12/02/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 7.57m			Log EB2-A NBL, 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				
251.83													Ground Surface
251.00	1.80	0	2	2	0.30					4	SS-11	WET	ALLUVIUM - VERY LOOSE TO LOOSE GRAY-TAN-WHITE MICACEOUS SAND
249.00	3.32	1	3	3	0.30					6		MOIST	RESIDUAL - LOOSE TO MEDIUM DENSE GRAY-BROWN-WHITE MICACEOUS SILTY SAND
247.00	4.85	5	16	26	0.30					22		MOIST	
245.00	6.37	16	84		0.27					100		WET	WEATHERED ROCK
244.26													HOLLOW STEM REFUSAL AT ELEVATION 244.256 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 EB2-B NBL		NORTHING 0.00		EASTING 0.00		0 HR 1.10m							
ALIGNMENT L		BORING LOCATION 223+29.500		OFFSET 16.80m RT		24 HR 1.20m							
COLLAR ELEV 251.72m		TOTAL DEPTH 6.57m		START DATE 12/02/03		COMPLETION DATE 12/02/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 6.57m			Log EB2-B NBL, 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				
251.72													Ground Surface
251.00	1.75	0	0	1	0.30					1	SS-10	MOIST	ALLUVIUM - VERY SOFT GRAY MICACEOUS CLAYEY SANDY SILT
249.00	3.27	2	3	5	0.30					8		MOIST	RESIDUAL - LOOSE TO MEDIUM DENSE GRAY-BROWN-WHITE MICACEOUS SILTY SAND
247.00	4.80	11	17	11	0.30					28			
245.15	6.32	100			0.15					100		WET	WEATHERED ROCK
													HOLLOW STEM REFUSAL AT ELEVATION 245.146 METERS ON HARD ROCK