

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 EB2-A SBL		NORTHING 0.00		EASTING 0.00		0 HR 2.40m								
ALIGNMENT L		BORING LOCATION 223+28.200		OFFSET 16.10m LT		24 HR 1.70m								
COLLAR ELEV 252.54m		TOTAL DEPTH 7.58m		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 7.58m			Log EB2-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
252.54														Ground Surface
252.00														ALLUVIUM - VERY SOFT TO SOFT BROWN-GRAY CLAYEY SANDY SILT
	1.75	1	1	2	0.30								SS-7	MOIST
250.00														RESIDUAL - MEDIUM DENSE GRAY-BROWN-WHITE MICACEOUS SILTY SAND
	3.27	3	8	7	0.30								SS-8	MOIST
248.00														VERY DENSE GRAY-WHITE-TAN MICACEOUS SILTY SAND
	4.80	2	5	9	0.30									WET
246.00														VERY DENSE GRAY-WHITE-TAN MICACEOUS SILTY SAND
	6.32	15	45	21	0.30								SS-9	MOIST
244.96														WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 244.96 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 SBL		NORTHING 0.00		EASTING 0.00		0 HR 2.60m								
ALIGNMENT L		BORING LOCATION 223+28.200		OFFSET 10.10m LT		24 HR 1.70m								
COLLAR ELEV 252.45m		TOTAL DEPTH 7.03m		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 N/A			DEPTH TO ROCK 7.03m			Log EB2-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
252.45														Ground Surface
252.00														ALLUVIUM - VERY SOFT TO MEDIUM STIFF BROWN-GRAY CLAYEY SANDY SILT
	1.77	1	3	3	0.30									MOIST
250.00														RESIDUAL - MEDIUM DENSE TO VERY DENSE BROWN-GRAY-WHITE MICACEOUS SILTY SAND
	3.29	11	22	37	0.30									MOIST
248.00														VERY DENSE GRAY-WHITE-TAN MICACEOUS SILTY SAND
	4.82	3	7	15	0.30									WET
246.00														VERY DENSE GRAY-WHITE-TAN MICACEOUS SILTY SAND
	6.34	9	26	14	0.30									WET
245.42														WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 245.42 METERS ON HARD ROCK														