

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830501		ID R-2206C		COUNTY LINCOLN		GEOLOGIST J.K. STICKNEY							
SITE DESCRIPTION BRIDGE ON NC 16 OVER KILLIAN CREEK							GND WATER						
BORING NO EB1-A SBL		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 199+09.000		OFFSET 19.00m LT		24 HR N/A							
COLLAR ELEV 239.80m		TOTAL DEPTH 6.97m		START DATE 7/14/03		COMPLETION DATE 07/14/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 6.97m			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				
239.80													Ground Surface
239.00	1.09	1	2	4	0.30								RESIDUAL - MEDIUM STIFF BROWN-TAN-BLACK MICACEOUS SILTY SANDY CLAY
237.00	2.61	1	4	4	0.30								MEDIUM STIFF GRAY-BROWN MICACEOUS SANDY SILT
235.00	4.14	3	4	5	0.30					SS-19	MOIST		STIFF BROWN-GRAY MICACEOUS SANDY SILT
233.89	5.66	65	35	0.30									WEATHERED ROCK
HOLLOW STEM REFUSAL AT ELEVATION 232.831 METERS ON HARD ROCK													

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SITE DESCRIPTION BRIDGE ON NC 16 OVER KILLIAN CREEK							GND WATER						
BORING NO EB1-B SBL		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 199+09.000		OFFSET 9.00m LT		24 HR N/A							
COLLAR ELEV 240.17m		TOTAL DEPTH 7.39m		START DATE 7/14/03		COMPLETION DATE 07/14/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 7.39m			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				
240.17													Ground Surface
239.00	0.92	1	2	3	0.30								RESIDUAL - MEDIUM STIFF BROWN-TAN-BLACK MICACEOUS SILTY SANDY CLAY
237.00	2.44	2	6	6	0.30					SS-20	MOIST		STIFF TAN-BROWN MICACEOUS SANDY SILT
235.00	3.97	4	3	3	0.30					SS-21	MOIST		LOOSE TAN-BROWN-GRAY MICACEOUS SILTY SAND
233.00	5.49	3	12	88	0.30								WEATHERED ROCK (VERY DENSE SILTY COARSE SAND)
232.78	7.02	9	61	39	0.30					SS-22	DRY		WEATHERED ROCK (VERY DENSE SILTY COARSE SAND)
HOLLOW STEM REFUSAL AT ELEVATION 232.781 METERS ON HARD ROCK													