

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 42 OF 79

PROJECT NO. 8.1830501		ID. R-2206B		COUNTY LINCOLN			GEOLOGIST MURRAY C.C.							
SITE DESCRIPTION NC 16 PROPOSED (-L- SBL) / FORNEY CRK & CSX R.R.								GROUND WATER						
BORING NO. B3-A		BORING LOCATION 123+73.5			OFFSET -16.5		ALIGNMENT L							
COLLAR ELEV. 216.820		NORTHING 0.00			EASTING 0.00			24 HR. 1.5						
TOTAL DEPTH 13.1		DRILL MACHINE CME-550			DRILL METHOD NWCAS/TRI-CONE			HAMMER TYPE AUTOMATIC						
START DATE 2/11/0			COMPLETION DATE 2/11/0			SURFACE WATER DEPTH			DEPTH TO ROCK 13.1					
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
216.82														
216.00	1.48	2	1	1	0.3	x-2							W	(ALLUVIUM) BRN V. LOOSE F. SAND
214.00	3	2	2	2	0.3	x-4							W	(RESIDUAL) GRAY-TAN SOFT TO HARD MIC. F. SANDY SILT
212.00	4.52	20	70	21	0.3				91x				W	
210.00	6.13	11	20	25	0.3			x-45					M	OLIVE-GRAY-TAN-WHITE DENSE SILTY SAND W/BLDR. @ 5.00-5.10
208.00	7.31	16	57	43	0.21				100x					
206.00	8.83	100			0				100x					
206.00	10.35	100			0.06				100x					
204.00	11.87	23	47	53	0.27				100x				M	SOFT TO HARD WEATHERED ROCK (OLIVE-GRAY-TAN V. DENSE MIC. SILTY SAND)
202.00														
200.00														
198.00														ROLLER CONE REFUSAL AT ELEV. 203.725 ON HARD ROCK