

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 38 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. B2-A		BORING LOCATION 123+26.0		OFFSET -16.0		ALIGNMENT L								
COLLAR ELEV. 223.340		NORTHING 0.00		EASTING 0.00		0 HR.								
TOTAL DEPTH 15.06		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC								
START DATE 2/7/0		COMPLETION DATE 2/7/0		SURFACE WATER DEPTH		DEPTH TO ROCK 7.17								
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
223.34														
	0.91	1	2	3	0.3	5							M	(RAILROAD FILL) BRN CLAYEY F. SANDY SILT
222.00														(RESIDUAL) BRN MED. STIFF SANDY SILTY CLAY
	2.43	5	14	14	0.3	28							M	WHITE MED. DENSE TO V. DENSE CLAYEY SILTY CSE. SAND
220.00														
	3.96	10	67	25	0.3				92				M	
218.00														
	5.48	28	60	40	0.2				100					SOFT TO HARD WEATHERED ROCK (WHITE V. DENSE SILTY CSE. SAND)
216.00														
	7.16	100			0.01				100					
	7.17													
	7.5													
214.00														
	9.02													
	10.54													
212.00														
	12.06													
210.00														
	13.54													
208.00														
206.00														
204.00														

CORE1
RS-15
CORE2

RS-16
CORE3
RS-17

RS-18
CORE4

RS-19

CORE5

RS-20
CORE6

RS-21

TERMINATED BORING AT
ELEV. 208.282 IN SLI.
WEATH. EXT. FRAC.
LEUCOCRATIC GRANITE