

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 40 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-B		BORING LOCATION 123+47.5			OFFSET -7.00		ALIGNMENT L		0 HR.					
COLLAR ELEV. 222.610		NORTHING 0.00			EASTING 0.00		24 HR. DRY							
TOTAL DEPTH 14.84		DRILL MACHINE CME-550			DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC							
START DATE 2/4/0		COMPLETION DATE 2/4/0			SURFACE WATER DEPTH		DEPTH TO ROCK 6.71							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
222.61														
222.00	1.31	1	2	3	0.3	5					SS-18		(RAILROAD FILL) RED-BRN MED. STIFF CLAYEY F. SANDY SILT	
220.00	2.83	5	18	16	0.3	34					SS-19		(RESIDUAL) WHITE DENSE CLAYEY SILTY F. & CSE. SAND	
218.00	4.36	100			0.14				100				SOFT WEATHERED ROCK (WHITE V. DENSE SILTY CSE. SAND)	
	5.47	30	37	63	0.2				100		SS-20			
216.00	6.71										CORE1 RS-22		YELLOW-GRAY MOD. WEATH. MOD. FRAC. LEUCOCRATIC GRANITE TO 7.12 THEN MOD. SEV. WEATH. EXT. FRAC. REC=71% RQD=66%	
	7.29										CORE2 RS-23			
214.00	8.81										CORE3 RS-24		YELLOW-GRAY MOD. SEV. WEATH. MOD.-EXT. FRAC. LEUCOCRATIC GRANITE REC=27% RQD=18%	
212.00	10.34										CORE4 RS-25		LT. GRAY MOD.-MOD. SEV. WEATH. MOD.-EXT. FRAC. BIOTITE GRANITE REC=85% RQD=37%	
210.00	11.86										CORE5 RS-26		WHITE SLI.-MOD. WEATH. MOD. FRAC. LEUCOCRATIC GRANITE REC=95% RQD=74%	
	13.35										CORE6 RS-27		(SAME AS ABOVE) SLI. WEATH. SLI.-EXT. FRAC. REC=89% RQD=68%	
208.00													WHITE SLI.-MOD. SEV. WEATH. MOD.-EXT. FRAC. LEUCOCRATIC GRANITE REC=100% RQD=65%	
206.00														
204.00													TERMINATED BORING AT ELEV. 207.768 IN SLI.-MOD. WEATH. EXT.-MOD. FRAC. LEUCOCRATIC GRANITE	