

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 34 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. BI-A		BORING LOCATION 122+93.5		OFFSET -19.5		ALIGNMENT L	
COLLAR ELEV. 224.010		NORTHING 0.00		EASTING 0.00		0 HR.	
TOTAL DEPTH 10.38		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC	
START DATE 1/20/0		COMPLETION DATE 1/20/0		SURFACE WATER DEPTH		DEPTH TO ROCK 1.61	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
224.01 224.00												(RAILROAD FILL) OLIVE-GRAY LOOSE SILTY SAND
	0.96	21	31	35	0.3				X 66	SS-1	M	(RESIDUAL) OLIVE-GRAY V. DENSE F. & CSE. SAND
	1.61									CORE1 RS-1		LT. GRAY SLI. WEATH. SLI.-MOD. FRAC. BIOTITE GRANITE REC=99.6% RQD=79%
	2.88									CORE2 RS-2		(SAME AS ABOVE) SLI. WEATH. SLI.-MOD. FRAC. REC=93% RQD=85%
220.00	4.13									CORE3 RS-3		(SAME AS ABOVE) SLI. WEATH. SLI. FRAC. REC=100% RQD=89%
218.00	5.91									CORE4 RS-4	▼	(SAME AS ABOVE) MOD. WEATH. EXT. FRAC. TO 6.09, THEN SLI. WEATH. SLI.-MOD. FRAC. REC=97% RQD=79%
216.00	7.43									CORE5 RS-5		(SAME AS ABOVE) SLI. WEATH. SLI.-MOD. FRAC. REC=96% RQD=65%
	8.93									CORE6 RS-6		(SAME AS ABOVE) SLI.-MOD. WEATH. SLI.-EXT. FRAC. REC=99% RQD=70%
214.00												
212.00												
210.00												
208.00												
206.00												TERMINATED BORING AT ELEV. 213.633 IN SLI.-MOD. WEATH. SLI.-EXT. FRAC. BIOTITE GRANITE