

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 19 OF 79

PROJECT NO. 8.1830501		ID. R-2206B		COUNTY LINCOLN		GEOLOGIST MURRAY C.C.	
SITE DESCRIPTION NC 16 PROPOSED (-L- NBL) / FORNEY CRK & CSX R.R.							GROUND WATER
BORING NO. BI-A		BORING LOCATION 123+32.0		OFFSET 7.000		ALIGNMENT L	
COLLAR ELEV. 223.470		NORTHING 0.00		EASTING 0.00		0 HR.	
TOTAL DEPTH 9.07		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC	
START DATE 2/2/0		COMPLETION DATE 2/2/0		SURFACE WATER DEPTH		DEPTH TO ROCK 6.41	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
223.47												(RAILROAD FILL)
	0.97	10	14	14	0.3					SS-4	M	BRN-RED MED. STIFF SILTY SANDY CLAY
222.00												(RESIDUAL) OLIVE & WHITE MED. DENSE TO DENSE SILTY F. SAND
	2.49	13	23	27	0.3					SS-5	M	
220.00												
	4.2	25	56	44	0.25				100x	SS-6	▼	SOFT WEATHERED ROCK (OLIVE HARD F. SANDY SILT)
218.00												
	5.73	100			0.04				100x			
216.00										CORE1 RS-13		LT. GRAY MOD. WEATH. MOD. FRAC. BIOTITE GRANITE TO 7.51 THEN
	7.59									CORE2 RS-14		MED. GRAY MOD. WEATH. MOD. FRAC. DIABASE REC=96% ROD=26%
214.00												MED. GRAY MOD. WEATH. MOD. FRAC. DIABASE TO 8.02 THEN LT. GRAY MOD. WEATH. MOD. FRAC. BIOTITE GRANITE REC=99% ROD=54%
212.00												
210.00												
208.00												
206.00												
204.00												TERMINATED BORING AT ELEV. 214.403 IN MOD. WEATH. MOD. FRAC. BIOTITE GRANITE