

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 36 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-B		BORING LOCATION 123+06.5		OFFSET -10.5		ALIGNMENT L	
COLLAR ELEV. 223.760		NORTHING 0.00		EASTING 0.00		0 HR.	
TOTAL DEPTH 13.8		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC	
START DATE 1/22/0		COMPLETION DATE 1/22/0		SURFACE WATER DEPTH		DEPTH TO ROCK 4.84	
24 HR. 6.7							

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75	100				
223.76														(RAILROAD FILL)
	0.89	4	13	22	0.3			35				SS-2	M	OLIVE-GRAY MED. DENSE SILTY SAND & GRAVEL
222.00														(RESIDUAL) GRAY TO OLIVE-TAN-WHITE DENSE TO V. DENSE MIC. SILTY F. SAND
	2.41	8	27	27	0.3			54				SS-3	M	
220.00														
	3.94	100			0.13					100			M	
	4.84											CORE1 RS-7		SOFT WEATHERED ROCK ( OLIVE-TAN-WHITE V. DENSE SILTY SAND)
218.00														GREEN-GRAY TO RED-GRAY SLI. WEATH. MOD.-EXT. FRAC. BIOTITE GRANITE REC=92% RQD=30%
	6.21											CORE2 RS-8		
216.00														GREEN-GRAY SLI. WEATH. MOD. FRAC. BIOTITE GRANITE REC=99% RQD=17%
	7.73											CORE3 RS-9		
214.00														LT. GREEN-GRAY SLI. WEATH. SLI-MOD. FRAC. BIOTITE GRANITE TO 8.86 THEN DK. GRAY MOD. WEATH. MOD-EXT. FRAC. AMPHIBOLITE REC=100% RQD=57%
	9.21											CORE4 RS-10		
212.00														DK. GRAY MOD. WEATH. MOD. FRAC. DIABASE TO 9.30, LT. GREEN-GRAY SLI. WEATH MOD-EXT FRAC BIOTITE GRANITE REC=99% RQD=40%
	10.7											CORE5 RS-11		
210.00														LT. GREEN-GRAY MOD. WEATH. MOD. FRAC. BIOTITE GRANITE TO MED. GRAY SLI-MOD WEATH. MOD. FRAC. GRANODIORITE REC=71% RQD=18%
	12.28											CORE6 RS-12		
208.00														MED. GRAY SLI. WEATH. SLI.-MOD. FRAC. GRANODORITE REC=97% RQD=49%
206.00														
204.00														TERMINATED BORING AT ELEV. 209.958 IN SLI. WEATH. SLI.-MOD. FRAC. GRANODIORITE