

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 25 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. B3-A		BORING LOCATION 124+15.5		OFFSET 8.500		ALIGNMENT L	
COLLAR ELEV. 217.940		NORTHING 0.00		EASTING 0.00		0 HR.	
TOTAL DEPTH 12.05		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC	
START DATE 2/11/0		COMPLETION DATE 2/11/0		SURFACE WATER DEPTH		DEPTH TO ROCK 4.2	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
217.94												(ALLUVIUM) RED-BRN SOFT F. SANDY SILTY CLAY
	1	1	2	3	0.3	5				SS-30		
216.00	2.52	11	46	54	0.25				100x	SS-31	▼	(RESIDUAL) OLIVE-TAN LOOSE CLAYEY SILTY SAND SOFT TO HARD WEATHERED ROCK (OLIVE-TAN-WHITE V. DENSE F. & CSE. SAND)
214.00	4.2	100			0.03				100x	CORE1 RS-37		DK. GREEN-GRAY SLI. WEATH. MOD.-EXT. FRAC. DIORITE REC=78% RQD=42%
212.00	6.06									CORE2 RS-38		(SAME AS ABOVE) SLI. WEATH. SLI. FRAC. REC=88% RQD=55%
210.00	7.58									CORE3 RS-39		DK. GREEN-GRAY SLI. WEATH. SOUND DIORITE REC=97% RQD=97%
208.00	9.07									CORE4		(SAME AS ABOVE) SLI. WEATH. SLI. FRAC.-SOUND REC=97% RQD=83%
206.00	10.56									CORE5 RS-40		(SAME AS ABOVE) SLI. WEATH. SOUND REC=100% RQD=100%
204.00												
202.00												
200.00												
198.00												TERMINATED BORING AT ELEV. 205.888 IN SLI. WEATH. SOUND DIORITE