

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 44 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. B3-B	BORING LOCATION 123+90.5	OFFSET -10.0	ALIGNMENT L
COLLAR ELEV. 217.510			NORTHING 0.00
TOTAL DEPTH 15.2			EASTING 0.00
DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL	HAMMER TYPE AUTOMATIC
START DATE 2/10/0		COMPLETION DATE 2/10/0	SURFACE WATER DEPTH
		DEPTH TO ROCK 7.94	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
217.51													(ALLUVIUM) BRN SOFT TO MED. STIFF SILTY F. SANDY CLAY
216.00	1.08	1	2	3	0.3	5				SS-23 SS-24	W M		(RESIDUAL) OLIVE-TAN MED. STIFF SILTY F. SANDY CLAY
214.00	2.6	8	15	17	0.3	32				SS-25	M		OLIVE-WHITE-GREEN MED. DENSE TO V. DENSE CLAYEY F. & CSE. SAND
212.00	4.28	8	10	12	0.3	22				SS-26	M		
210.00	5.74	13	24	29	0.3	53				SS-27	M		
208.00	7.27	10	18	24	0.3	42				SS-28	M		
	7.94									CORE1 RS-36			MED. GREEN-GRAY SLI. WEATH. MOD.-EXT. FRAC. DIORITE REC=80% RQD=44%
	9.19									CORE2			(SAME AS ABOVE TO 9.48) THEN WHITE SLI.-MOD. WEATH. EXT. FRAC. GRANITE REC=35% RQD=13%
206.00	10.71									CORE3			NO RECOVERY, ESTIMATING MOD.-SEV. WEATH. EXT. FRAC. LEUCOCRATIC GRANITE REC=0% RQD=0%
204.00	12.24	16	72	28	0.17				100x	SS-29	M		SOFT TO HARD WEATHERED ROCK (OLIVE V. DENSE CLAYEY CSE. & F. SAND)
202.00	13.42	100			0.25				100x				
200.00	14.95	60	40		0.25				100x				
198.00													TERMINATED BORING AT ELEV. 202.31 IN SOFT WEATHERED ROCK