

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 22 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. B2-A		BORING LOCATION 123+69.5		OFFSET 7.000		ALIGNMENT L	
COLLAR ELEV. 218.400		NORTHING 0.00		EASTING 0.00		0 HR.	
TOTAL DEPTH 17.82		DRILL MACHINE CME-550		DRILL METHOD NW CAS/NXWL		HAMMER TYPE AUTOMATIC	
START DATE 2/8/0		COMPLETION DATE 2/8/0		SURFACE WATER DEPTH		DEPTH TO ROCK 5.74	
24 HR. 2.6							

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
218.40															
218.00															
	1	11	8	3	0.3										(RAILROAD FILL) BRN-RED MED. STIFF SILTY SANDY CLAY
	2.52	2	3	2	0.3										(ALLUVIUM) TAN-BRN MED. STIFF CLAYEY F. SANDY SILT
	4.05	12	19	15	0.3										(RESIDUAL) OLIVE-TAN DENSE F. SAND
	5.71	100			0.15										HARD WEATHERED ROCK (OLIVE-TAN V. DENSE F. SAND)
	5.74														LT. GREEN-GRAY MOD. WEATH. MOD. FRAC. BIOTITE GRANITE REC=86% ROD=37%
	7.26														(SAME AS ABOVE TO 7.89) THEN WHITE MOD. WEATH. MOD. FRAC. LEUCOCRATIC GRANITE REC=74% ROD=26%
	8.78														WHITE SLI. WEATH. MOD. FRAC. LEUCOCRATIC GRANITE TO 9.16, THEN LT. GRAY SLI. WEATH. MOD-EXT. FRAC. ANDESITIC META TUFF REC=98% ROD=18%
	10.3														LT. GRAY SLI. WEATH. MOD-EXT. FRAC. ANDESITIC META TUFF REC=95% ROD=33%
	11.82														LT. GRAY SLI. WEATH. MOD-EXT. FRAC. ANDESITIC META TUFF TO 12.18 THEN DK. GREEN-GRAY MOD. WEATH. EXT. FRAC. AMPHIBOLITE REC=72% ROD=9%
	13.34														MED. GREEN-GRAY MOD. WEATH. EXT. FRAC. AMPHIBOLITE TO 13.61, MED. GRAY SLI. WEATH. MOD-EXT. FRAC. GRANODIORITE TO 14.86 THEN LT. GRAY SLI. WEATH. EXT. FRAC. BIOTITE GRANITE REC=96% ROD=34%
	14.86														LT. GRAY SLI. WEATH. MOD-EXT. FRAC. BIOTITE GRANITE REC=97% ROD=46%
	16.34														(SAME AS ABOVE) SLI. WEATH. MOD-EXT. FRAC. REC=97% ROD=47%
	200.00														TERMINATED BORING AT ELEV. 200.577 IN SLI. WEATH. MOD-EXT. FRAC. BIOTITE GRANITE