NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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-B	BORING LOCATION 124+28.5	OFFSET 19.00	ALIGNMENT L	0 HR.
COLLAR ELEV. 218.160	NORTHING 0.00	EASTING 0.00	24 HR. 2.4
TOTAL DEPTH 16.69	DRILL MACHINE CME-550	DRILL METHOD NW CAS/NXWL	HAMMER TYPE AUTOMATIC
START DATE 2/15/0	COMPLETION DATE 2/15/0	SURFACE WATER DEPTH	DEPTH TO ROCK 7.27

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
218.16										
218.00										(ALLUVIUM) BRN-TAN SOFT F. SANDY SILTY CLAY
	1.29	1	1	1	0.3	2	SS-32	M		
216.00										(RESIDUAL) OLIVE-TAN-WHITE MED. DENSE TO V. DENSE SILTY SAND
	2.81	11	12	14	0.3	26	SS-33	M		
214.00	4.34	18	36	54	0.3	90	SS-34	M		
	5.75	50	50		0.25	100		M		
212.00										SOFT TO HARD WEATHERED ROCK (WHITE-OLIVE V. DENSE SILTY SAND)
	7.27	100			0.03	100	CORE1			DK. GREEN-GRAY MOD. WEATH. EXT. FRAC. DIORITE REC=46% RQD=0%
	7.27									
	7.62						CORE2			
210.00	8.38						CORE3			(SAME AS ABOVE) MOD. WEATH. EXT. FRAC. REC=73% RQD=0%
	9.14						CORE4			(SAME AS ABOVE) SLI. WEATH. EXT. FRAC. REC=100% RQD=0%
208.00	10.63						CORE5			(SAME AS ABOVE) SLI. WEATH. EXT. FRAC. REC=99% RQD=0%
206.00	12.18						CORE6			(SAME AS ABOVE TO 10.96) THEN MED. GRAY MOD. WEATH. EXT. FRAC. BIOTITE GRANITE REC=86% RQD=0%
204.00	13.7						CORE7			MED. GRAY MOD. WEATH. EXT. FRAC. BIOTITE GRANITE & GREEN-GRAY SLI. WEATH. EXT. FRAC. DIORITE REC=98% RQD=0%
	15.17						CORE8			GREEN-GRAY SLI. WEATH EXT. FRAC. DIORITE REC=71% RQD=0%
202.00										GREEN-GRAY SLI. WEATH. MOD. FRAC. DIORITE TO SLI. WEATH. MOD.-EXT. FRAC. ANDESITIC META TUFF REC=93% RQD=0%
200.00						TERMINATED BORING AT ELEV. 201.466 IN SLI. WEATH. MOD.-EXT. FRAC. ANDESITIC META TUFF				