

# HALLOWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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29 January 2003

Mr. Roger H. Dupree  
1307 Pea Ridge Road  
Angier, NC 27501

Reference: Preliminary Soil Investigation  
Minor Subdivision for Roger H. Dupree, Lot 1 & Residual

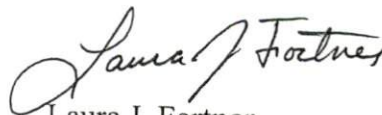
Dear Mr. Dupree,

A preliminary soil investigation has been conducted at the above referenced property, located on the east side of Lipscomb Road (SR 1514), Black River Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of Lot 1 to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. The residual tract is greater than 10 acres therefore it was not investigated and will not be addressed further in this report. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that individual septic systems and public water supplies will be utilized at this site.

A portion of this lot was investigated and was found to be dominated by provisionally suitable soils for subsurface sewage waste disposal. These provisionally suitable soils were observed to be friable sandy loams and sandy clay loams that extended greater than 36 inches and appear adequate to support long-term acceptance rates of 0.5 to 0.6 gal/day/sqft. An area near the boundary with the unsuitable soils was observed to have soils rated as provisionally suitable for modified or alternative systems due to sandy soils with inadequate depth to excessive soil wetness to the extent that systems that can be installed ultra shallow will likely be required. This requirement may necessitate the addition of approximately 6 inches of topsoil to completely cover the system. It appears that the soils on this lot are adequate to support a gravity driven conventional septic system and repair area for one residence.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Laura J. Fortner  
Licensed Soil Scientist

