



## Fred D. Smith Soil Scientist

November 18, 2021

Ben Legg  
BHL GROUP  
977 Seminole Trail # 292  
Charlottesville, VA 22901

Subject: Preliminary Soil Suitability  
Parcel # 191604839242  
Henry Wilson Rd  
Oxford, NC

Dear Mr. Legg,

This letter presents a preliminary soil evaluation for conventional septic systems. You requested that I provide these soil science services to help with your decisions to purchase the lot and to provide you with soil and septic suitability information.

You provided me with the parcel outlined on an aerial photograph.

### **Soil Evaluation**

The site and soil were evaluated to observe soil properties, surface features, landscapes, and site parameters. Hand auger borings were used to evaluate soil characteristics in accordance with 15A NCAC 18A 1900 (Laws and Rules for Sewage Treatment and Disposal Systems).

The USDA Soil Survey Mapping for Granville County, NC was used to provide soil information and I field checked the soil mapping as described above. The county GIS mapping is attached.

The soils mapped on the property that will have suitable soil properties for conventional septic designs include Georgeville (GeB). Only a very small corner of the lot has these soils. Based on field observations and estimates of distances, sufficient space of this suitable soil for conventional septic systems does not exist on the lot for an initial system or repair area.

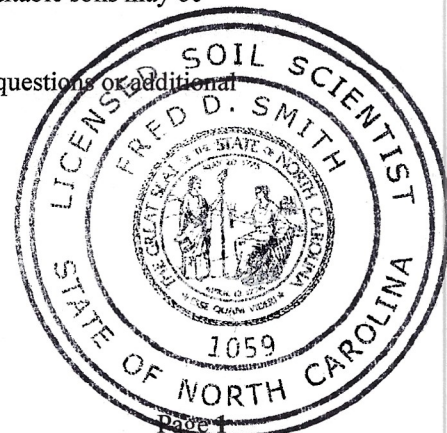
Soils mapped on the property that are not suitable for septic systems are Lignum (LmB). They are formed in shallow depressions or around the heads of drainageways.

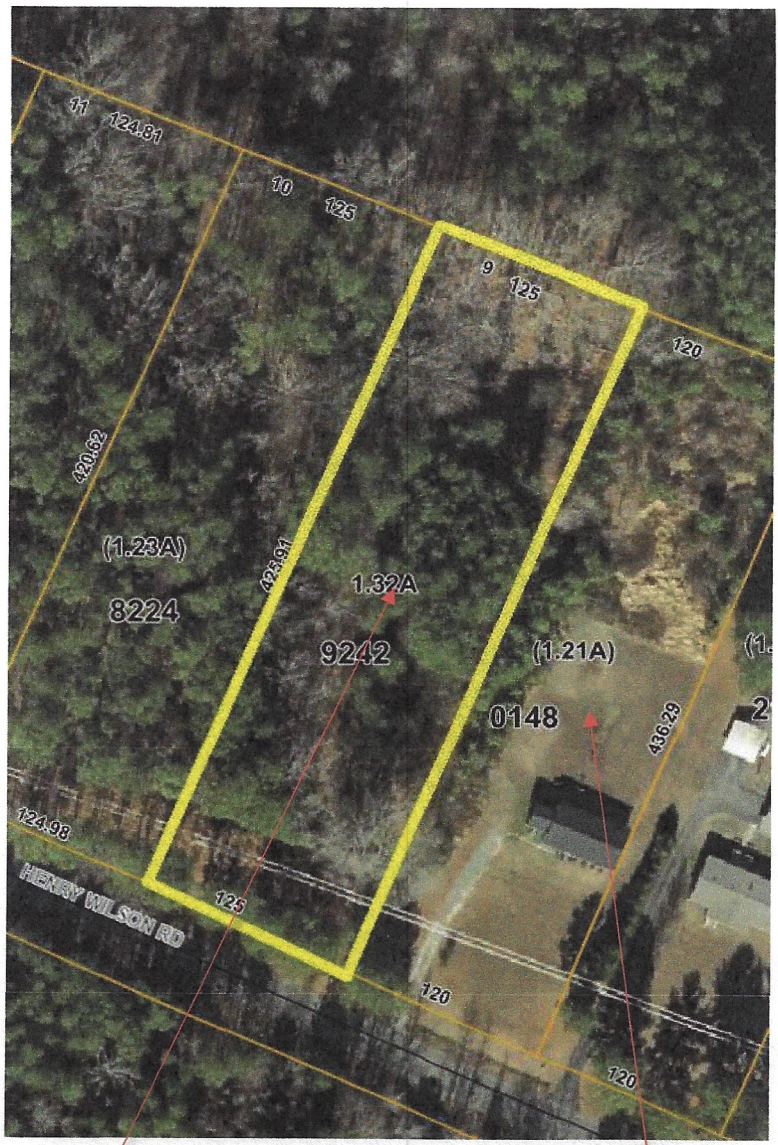
Lignum soils usually have shallow seasonal high-water tables and have significant quantities of shrink-swell type clays. This type of soil has extensive area of the lot. Some small areas of more suitable soils may be present within the Lignum soil area on the lot.

I appreciate the opportunity to work with you on this project. Please contact me with questions or additional information after you have reviewed the information here.

Sincerely,

  
Fred D. Smith, LSS





**Property For Sale:**  
**Tax Map #: 191604839242**  
**1.32 Acres**

\*\*\* Approximations based on available  
public records\*\*\*

**Nearest Address:**  
**3197 Henry Wilson Rd**  
**Oxford, NC 27565**

