

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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10 April 2025

Beth Stephenson

Reference: Preliminary Soil Investigation

3282 Oakridge River Road; PIN 0644-08-6274

Proposed Lots 1-2

Dear Mrs. Stephenson,

A site investigation has been conducted for a portion of the above referenced property (Proposed Lots 1-2), located on the southern side of Oakridge River Road in Harnett County, North Carolina. The purpose of this investigation was to determine the site's ability to support subsurface wastewater dispersal systems. This report and map are intended for planning purposes only and not for lot recordation.

All sewage disposal ratings and determinations were made in accordance with the Rules for "Wastewater Treatment and Dispersal Systems", 15A NCAC 18E. This report represents my professional opinion as a Licensed Soil Scientist but does not guarantee or represent permit approval for any lot by the Local Health Department. An application for an approved wastewater system shall be made to the Local Health Department that specifies the proposed building size and location and the design and location of the wastewater system to be installed.

The soils were evaluated under moist soil conditions through the advancing of auger borings. This evaluation included observations of topography and landscape position, soil morphology (texture, structure, clay mineralogy, organics), soil wetness, soil depth, and restrictive horizons. Soil units shown on the attached map represent dominant soil types with similar profiles but may include minor components of contrasting soil types.

The soils shown as suitable on the attached map are adequate to support subsurface wastewater dispersal systems. Due to clayey textured subsoil characteristics, you should expect that 55 to 65 feet of accepted status (25% reduction) drainline would be required for the initial system per bedroom in any proposed residence.

The soils shown as suitable for modified systems are limited in soil depth to the extent that systems that can be installed ultra shallow will likely be required. This requirement will necessitate the addition of approximately six inches of approved soil to completely cover the system. You should expect that 55 to 65 feet of accepted status (25% reduction) drainline would be required for the initial system per bedroom in any proposed residence.

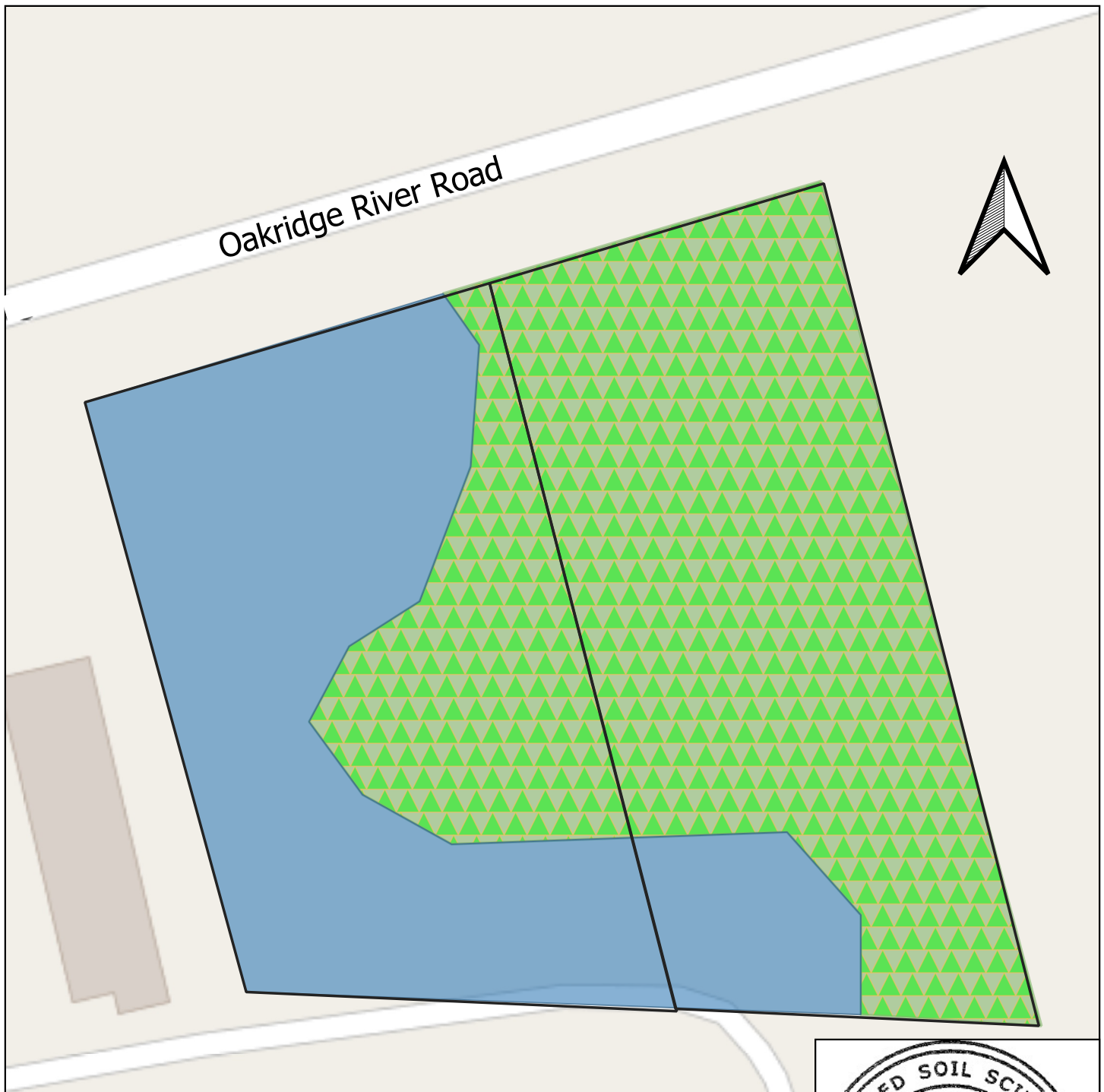
The soils underlying the investigated portion of this property appear adequate to support the subsurface wastewater dispersal system needs of two, four-bedroom residences. I appreciate the opportunity to provide this service and trust that you will feel free to call on me again in the future. If you have any questions or need additional information, please contact me at your convenience.



Sincerely,

A handwritten signature in cursive script, reading "Britt Wilson".

Britt Wilson,
Licensed Soil Scientist



Legend

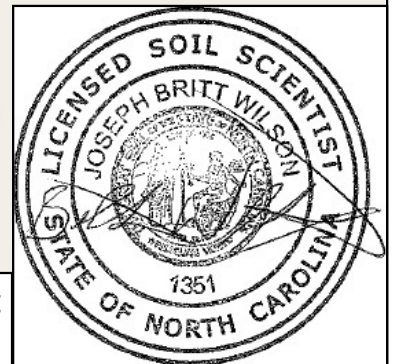
Area of Study

Soil Units

Suitable

Suitable for Modified Systems

0 50 100 ft



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Figure 1

Soil Map for Septic Suitability

For reference only. Not a survey.
Not for lot recordation.