

Harold Kelly
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May 6, 2024

Gabriele Porter
1645 Pin Oak Lane
Oxford, NC 27565

RE: Preliminary soil evaluation/ Parcel: 099400914268(21.08 acres)/ Granville County, NC

Dear Mrs. Porter:

On April 30 and May 2, 2024, I conducted a soil/site evaluation on the property referenced above. The site/soil evaluation was performed in accordance with the North Carolina Rules for Sewage Treatment and Disposal Systems (15A NCAC 18E). The purpose of the evaluation was to determine if the parcel included areas that would support the permitting and installation of approved septic systems (*Accepted*).

Based on soil borings across the entire property, two potential areas were identified that had suitable soil characteristics. The approximate locations are shown on the attached site sketch. Each of the areas is approximately 4,000 ft² in size and would likely support an accepted system large enough to support a three bedroom home (360 GPD). The perimeters of the areas were marked with yellow flagging. The useable soil depths were greater than 28" to *unsuitable* soil characteristics. Soil boring locations in the proposed areas were marked with orange flagging. The areas will need to be surveyed prior to pursuing septic permits through the Granville County Health Department.

The two areas combined would likely provide the area required for one three bedroom accepted septic system and repair. Another option would be to use the two areas to serve as the initial system for two three-bedroom homes, with subsurface drip systems serving as the repair systems. Subsurface drip systems are used when soil characteristics are marginal, however these system are expensive and require regular inspections and maintenance.

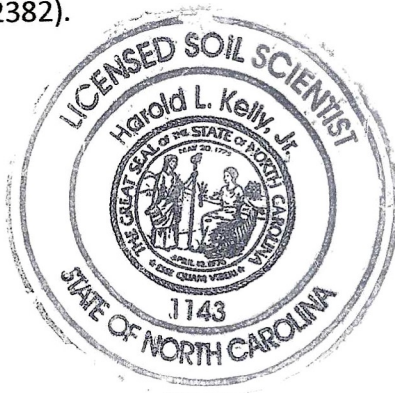
In summary, based on this preliminary soil/site evaluation, the majority of the parcel would be classified as *unsuitable* for the permitting or installation of commonly used septic systems. In addition to the two areas identified, there is a possibility that other *suitable* areas exist. Backhoe pits are recommended for any future soil/site evaluations.

This report represents my professional opinion as a licensed soil scientist. Thank you for the opportunity to provide you with this information. Please feel free to contact me if you have any questions regarding this report or the attached site sketch (336-598-2382).

Sincerely,

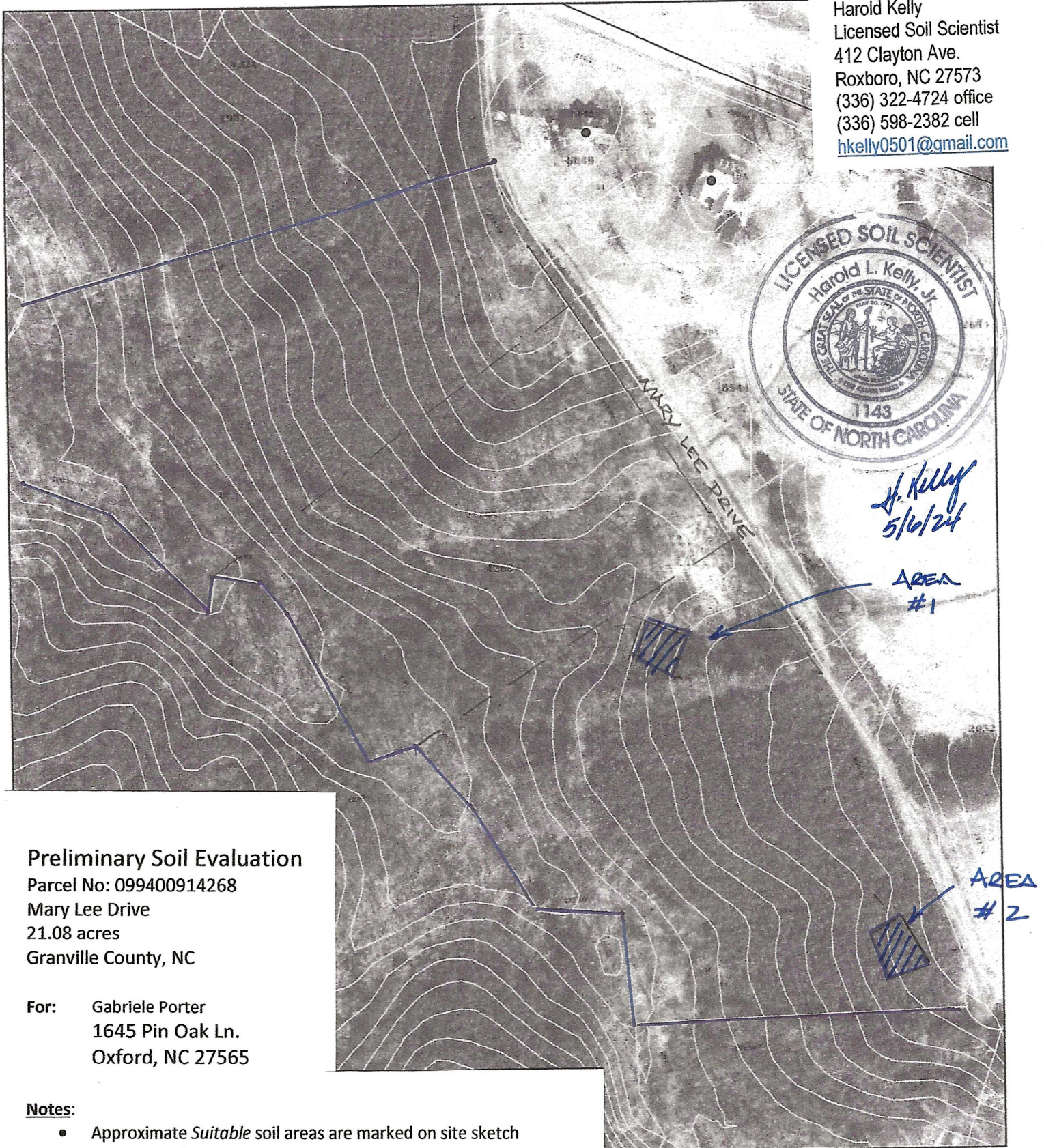


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Granville County, NC

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Preliminary Soil Evaluation

Parcel No: 099400914268

Mary Lee Drive

21.08 acres

Granville County, NC

For: Gabriele Porter
1645 Pin Oak Ln.
Oxford, NC 27565

Notes:

- Approximate *Suitable* soil areas are marked on site sketch
- Perimeter of areas marked on site with yellow flagging
- Each area is approximately 4,000 Ft²
- Suitable soil borings marked with orange flagging
- Other limited subsurface drip areas identified

Site plan scale: 1" = 200'