

Harold Kelly
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March 6, 2023

John Tate
Jutate90@gmail.com

RE: Preliminary Soil Evaluation/ Lots 3, 4, 5, and 8 (Rivers Edge Road)/ Granville County, NC

Dear Mr. Tate:

On February 28th, we conducted a preliminary soil/site evaluation of the property referenced above. The purpose of the evaluation was to identify portions of the property that would potentially support the installation of septic systems. The soil/site evaluation was done by walking the property and making a series of soil auger borings. The soils were evaluated in accordance with North Carolina rules and regulations governing the permitting and installation of septic systems. Soil characteristics, such as clay mineralogy and depth to seasonal soil saturation/parent material, impact how a septic system can be expected to function, and if the soils meet the regulatory permitting requirements.

The accompanying site plan shows the approximate extent of soils that would be classified as provisionally suitable and meets the minimum requirements for the installation of septic systems. The areas delineated were dominated by soils that were greater than 30" deep before encountering unsuitable soil characteristics or saprolite. A preliminary soil evaluation allows potential home sites to be proposed. The areas designated as provisionally suitable will have inclusions of soils that would be classified as unsuitable due to soil wetness, clay mineralogy, or depth to rock. Likewise, the areas designated as unsuitable may have inclusions of provisionally suitable soils.

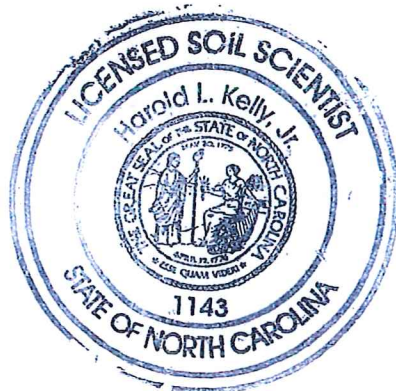
In summary, it is our professional opinion that the provisionally suitable areas on the site sketch are dominated by soils that meet the minimum requirements for the permitting and installation of septic systems. A home will usually require an area of approximately 10,000 ft² of provisionally suitable soil for the septic system and repair area. Each of the four lots evaluated exceed this requirement.

This report is based on field observations and represents my professional opinion as a soil scientist. Please note that the Granville County Health Department has the regulatory responsibility/authority for approving and permitting septic systems in the county. Please contact me if you have any questions regarding the evaluation or this report. Thank you for the opportunity to provide you with this information.

Sincerely,



Harold Kelly
NC Licensed Soil Scientist



Granville County, NC

Preliminary Soil Evaluation

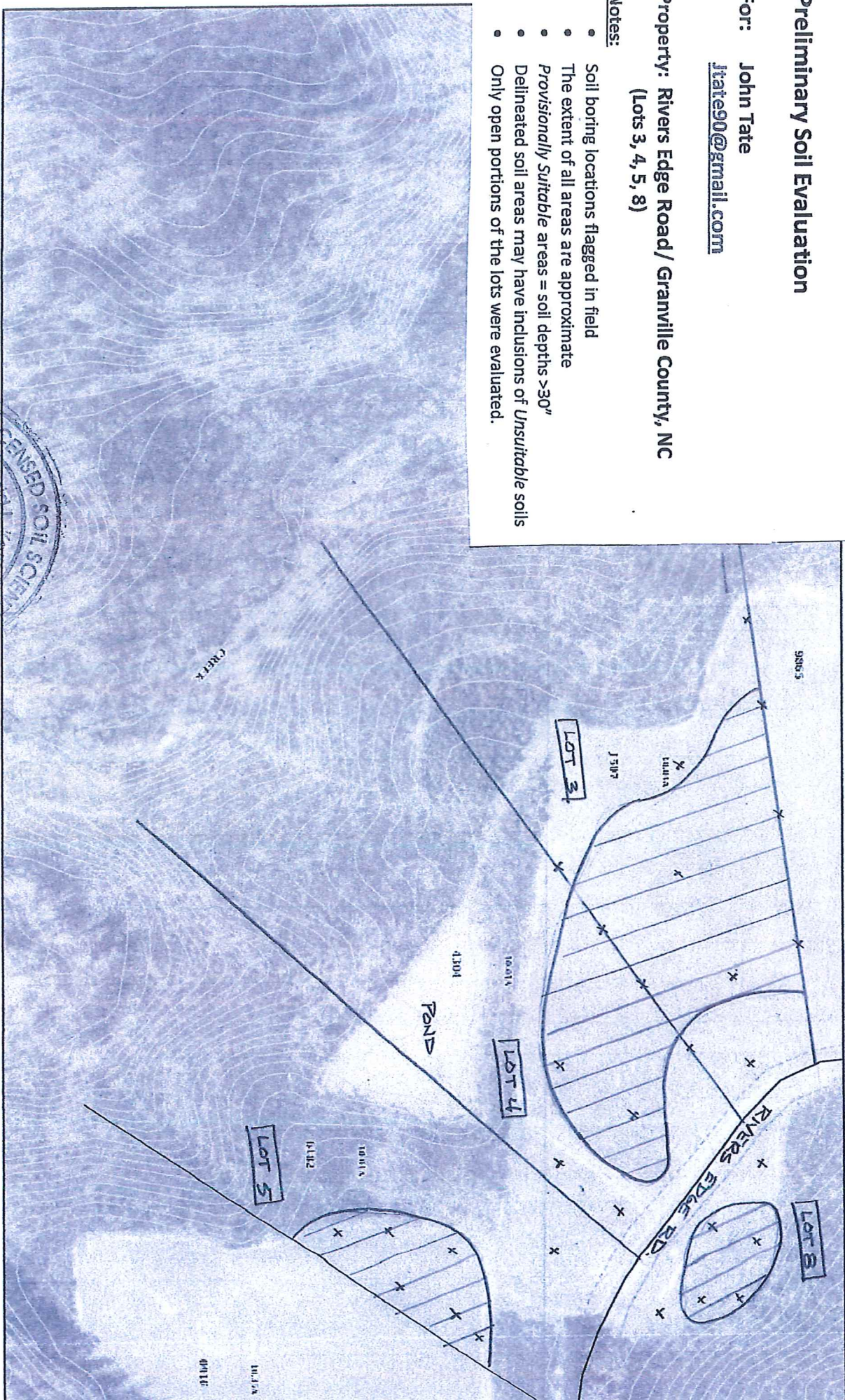
For: John Tate

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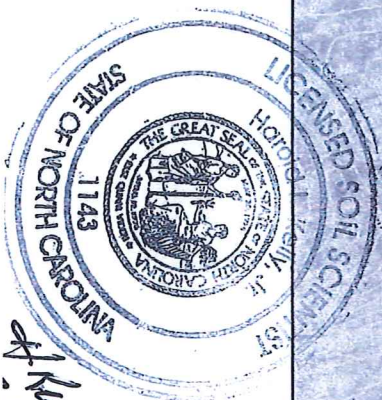
Property: Rivers Edge Road/ Granville County, NC
(Lots 3, 4, 5, 8)

Notes:

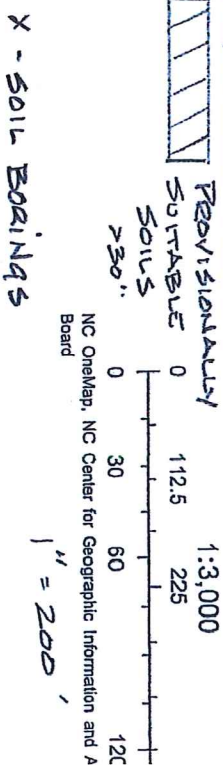
- Soil boring locations flagged in field
- The extent of all areas are approximate
- Provisionally Suitable areas = soil depths >30"
- Delineated soil areas may have inclusions of Unsuitable soils
- Only open portions of the lots were evaluated.



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11/10/23



NC OneMap, NC Center for Geographic Information and A Board