

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, Lillington, NC 27546-0400

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www.halowensoil.com

25 June 2026

Andrew Frezza
Secure Land Deals

Reference: Preliminary Soil Investigation
695 Capelsie Road
Candor, NC; Montgomery Co.
PIN 7537-00-92-6230

Dear Mr. Frezza,

A site investigation has been conducted for portions of the above referenced property, located on the southern side of Capelsie Road in Montgomery County, North Carolina. The purpose of this investigation was to determine the site's ability to support subsurface wastewater dispersal systems.

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 100 to 150 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 (white flags). This requirement will necessitate the addition of approximately six inches of approved soil to completely cover the system. You should expect that 100 to 150 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 low profile chamber systems are limited in soil depth to the extent that low profile chamber type drainlines installed at-grade will likely be required. Due to ultra shallow trench depths, the addition of approximately six inches of approved soil will be necessary to completely cover the system. You should expect that 160 to 200 feet of low profile chamber drainlines would be required for the initial system per bedroom in any proposed residence.

The soils indicated as suitable soils for drip systems are limited in soil depth to the extent that subsurface drip dispersal systems will be required. Additional soil testing and pretreatment filters will also likely be required. Pretreatment and drip systems are significantly more expensive costing about \$30,000 just for the installation (not including system designing costs).

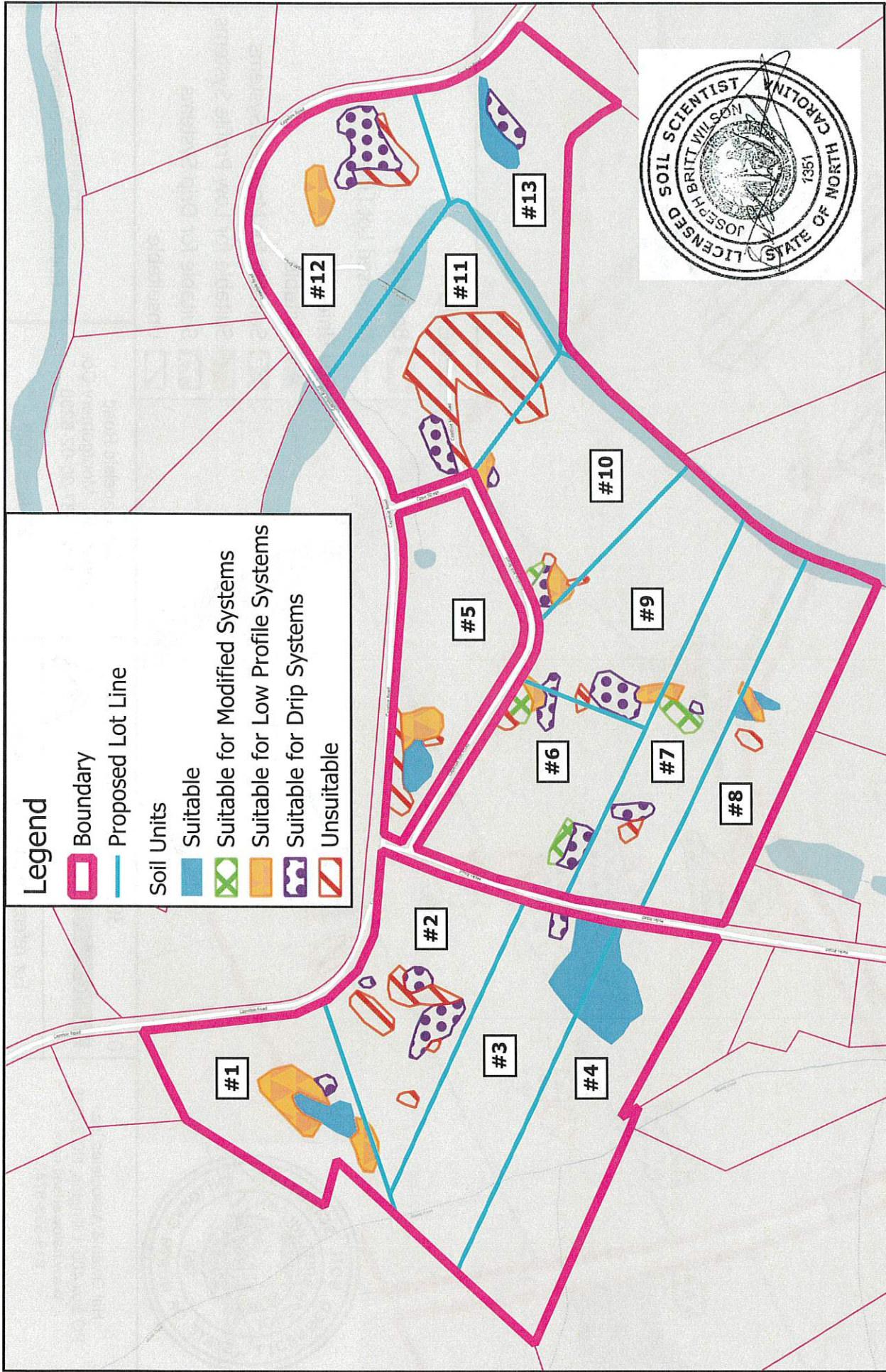
The unsuitable soil area is so rated due to inadequate soil depth to bedrock, unsuitable saprolite, excessive soil disturbance, and/or unsuitable landscape position. Subsurface wastewater dispersal systems cannot be placed in this area. Some of this area will likely support building foundations, and homes could be sited in this area.

Each proposed lot has been given a number as seen on the first attached map. It appears that the soils underlying each proposed lot are adequate to support the subsurface wastewater dispersal system needs of at least one, three- or four-bedroom residence. The investigated areas on Lots #2, #9, and #11 only yielded soils suitable for subsurface drip dispersal systems. Additionally, based solely on the areas investigated, lots #10 and #12 may require the use of drip dispersal repair areas. It would appear that both the initial and repair systems for all other lots will avoid the use of drip dispersal systems. 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.



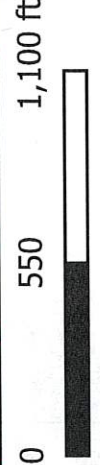
Sincerely,

Britt Wilson
Licensed Soil Scientist



Legend

- Boundary
- Proposed Lot Line
- Soil Units**
- Suitable
- Suitable for Modified Systems
- Suitable for Low Profile Systems
- Suitable for Drip Systems
- Unsuitable



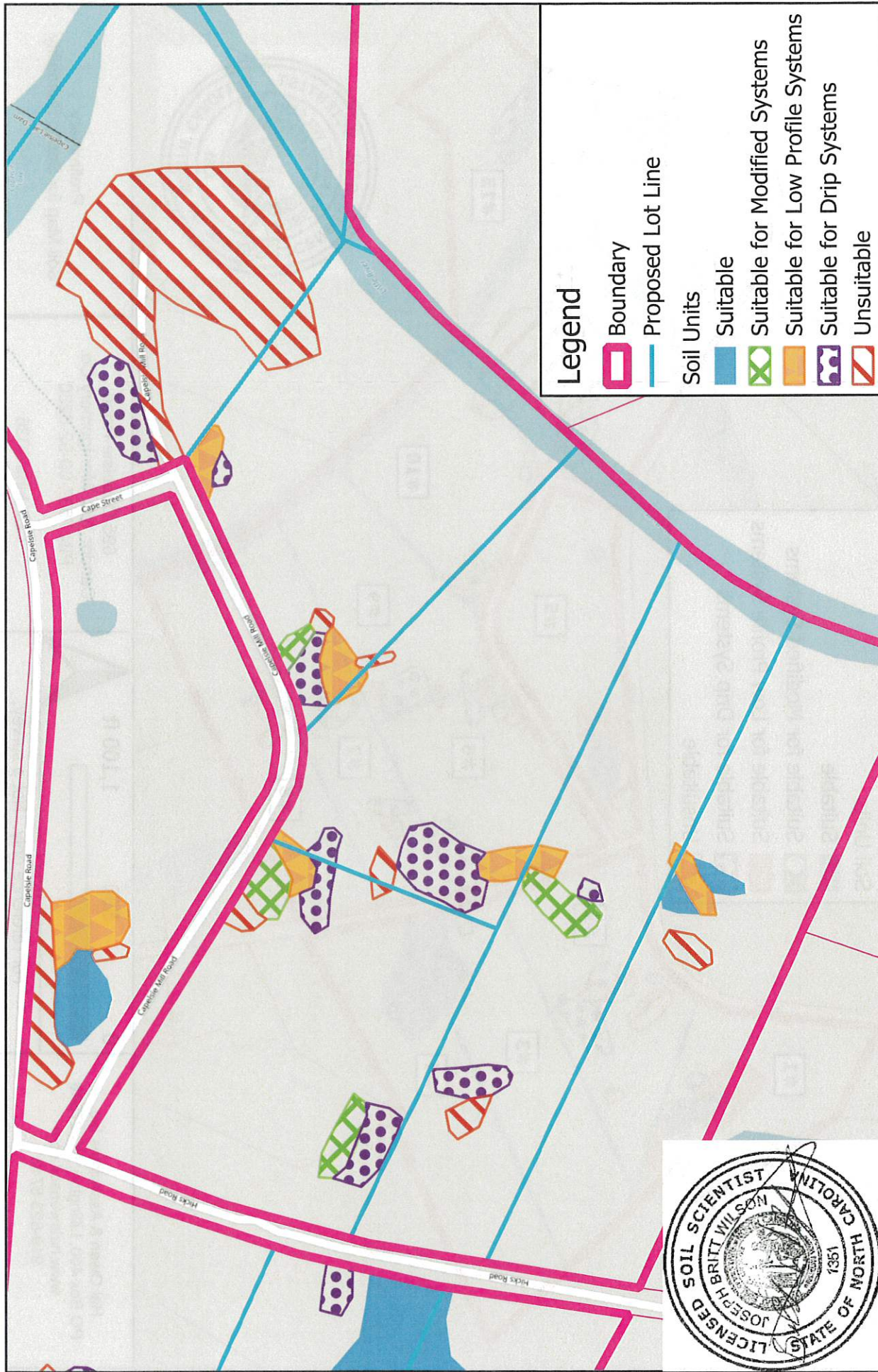
For reference only. Not a survey.

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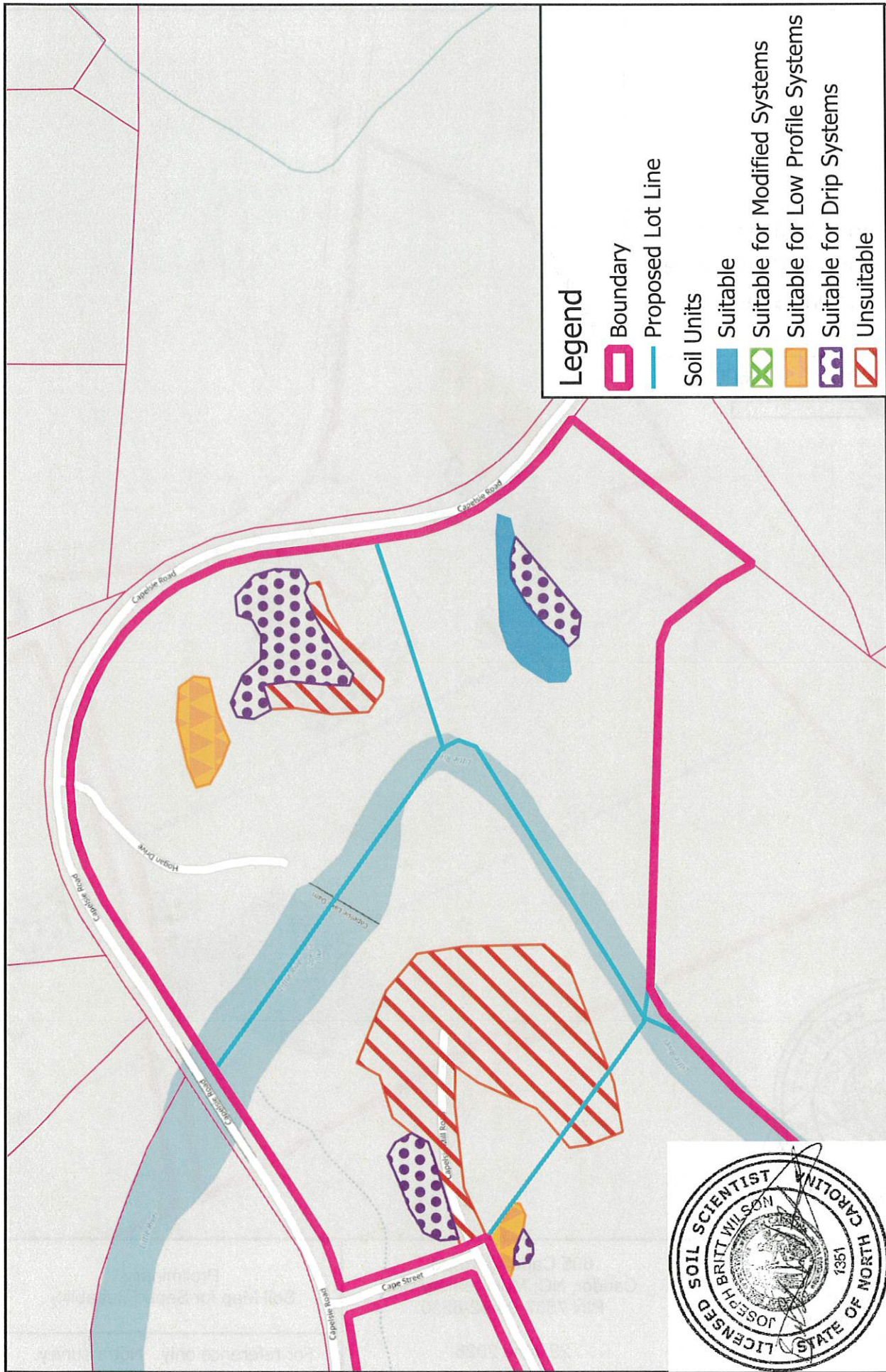
Preliminary
 Soil Map for Septic Suitability



Legend

- Boundary
- Proposed Lot Line
- Soil Units
- Suitable
- Suitable for Modified Systems
- Suitable for Low Profile Systems
- Suitable for Drip Systems
- Unsuitable

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Preliminary Soil Map for Septic Suitability			



Legend

Boundary

Proposed Lot Line

Soil Units

Suitable

Suitable for Modified Systems

Suitable for Low Profile Systems

Suitable for Drip Systems

Unsuitable



0 300 600 ft



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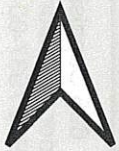
Legend

- Boundary
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Soil Units

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