

Harold Kelly
NC Licensed Soil Scientist, CPSS
7309 Blalock Road
Bahama, NC 27503
(336) 322-4724 (office)
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May 13, 2025

John Tate
jutate90@gmail.com

RE: Consultative site-soil evaluation/Portion of PIN 0310 02005 / Keeton Road, Henderson, NC/
Vance County, NC

Dear Mr. Tate:

At your request, a consultative soil/site evaluation was conducted on portions of the parcel referenced above. The evaluation was conducted to confirm/identify five potential septic system areas which would serve five proposed lots. The site/soil evaluation was performed in accordance with NC Rules for Sewage Treatment and Disposal Systems (15A NCAC 18E).

The enclosed site sketch shows the approximate location of the five potential system areas. Each of the delineated areas appears large enough to accommodate a system and repair for a three-bedroom home. Soil characteristics were estimated based on several soil borings within each area. Suitable soil depths ranged from 24 to 36" (0.3 gpd/ft²). The soils appear to be underlain by suitable saprolite to a depth of 48" (0.4 gpd/ft²).

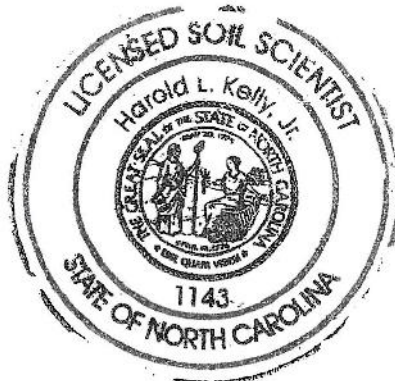
In summary, the areas shown on the site sketch appear to be large enough to support a septic system and repair area for three-bedroom homes. Gravity systems may be possible, depending on home placement. Soil boring locations were flagged in the field. The extent of the suitable soil area on the site sketch was estimated. Additional soil borings would be needed to accurately assess the extent of each area. This consultative visit focused on specific areas. Each proposed lot may have additional suitable soil areas that were not evaluated/identified.

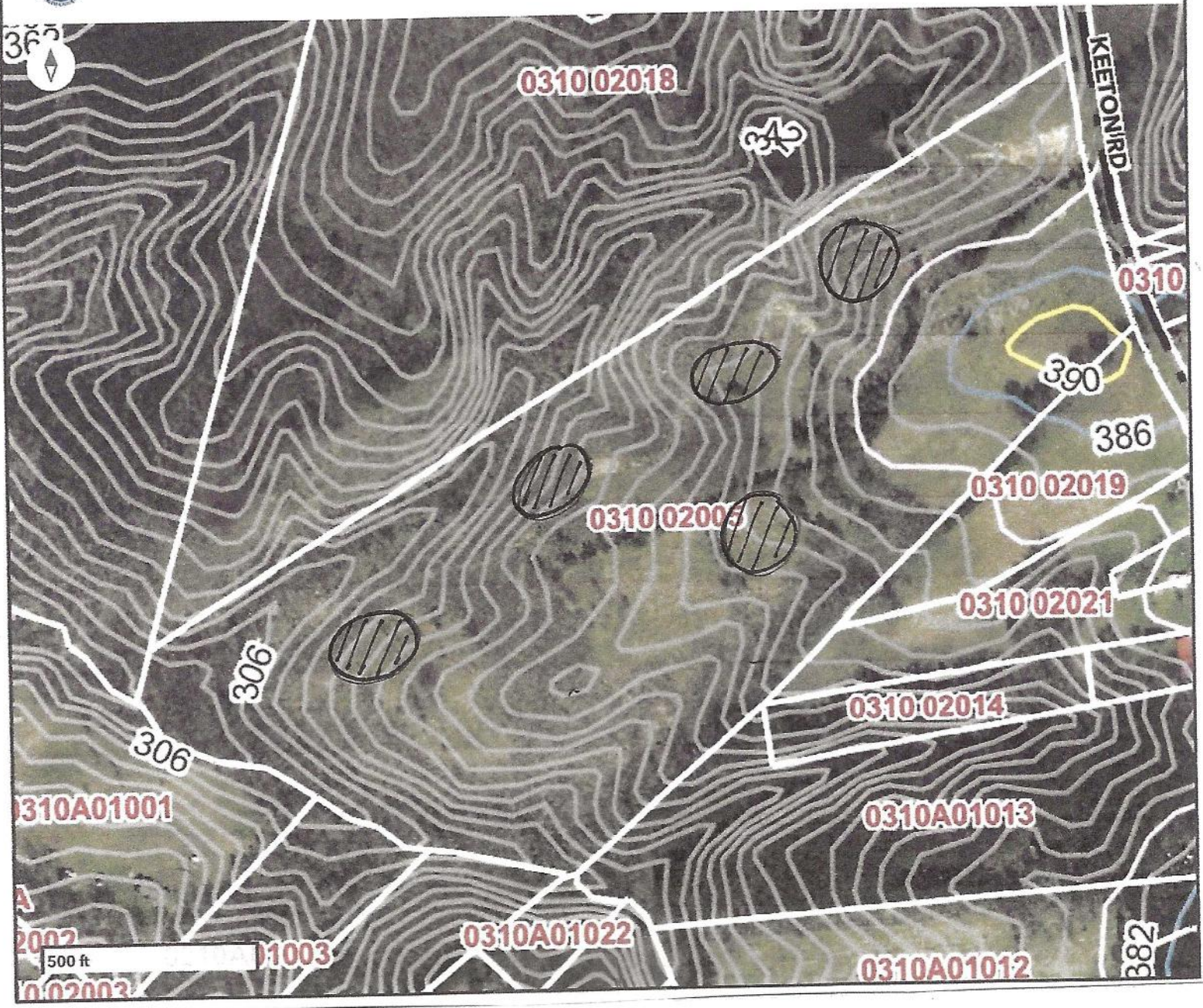
Thank you for the opportunity to provide you with this information. Please feel free to contact me if you have any questions (336-598-2382).

Sincerely,



Harold Kelly
NC Licensed Soil Scientist





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 SUITABLE SOIL AREAS

SCALE 1" = 400'

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