

Harold Kelly
NC Licensed Soil Scientist, CPSS
7309 Blalock Road
Bahama, NC 27503
(336) 322-4724 (office)
(336-598-2382 (cell)

Sundeep Reddy Venumuddala
5114 Maple Dr.
Baytown, TX 77521

March 31, 2026

RE: Preliminary site-soil evaluation/682 Wolf Pit Road, Oxford, NC/ Granville County/ MAPN:
006112856273 (32 acres).

Dear Mr. Venumuddala:

At your request, a preliminary soil/site evaluation was conducted on the selected portions of the parcel referenced above. The evaluation was conducted to identify areas with soil characteristics that would likely support the permitting and installation of conventional and accepted septic systems. The evaluation was performed by walking the parcel, noting vegetation and landscape features, and making a series of soil auger borings (n=12) to determine relevant soil characteristics. Soil boring locations were flagged and their approximate location shown on the attached site sketch. White flagging was used to mark soil borings with *unsuitable* soil characteristics at depths of less than 24" (depth to weathered rock/rock). Orange flagging was used to mark soil borings with *suitable* soil depths of 24 to >30". The site/soil evaluation was done following the NC Rules for Sewage Treatment and Disposal Systems (15A NCAC 18E).

The accompanying site sketch shows the estimated area with *suitable* soil. This area would likely support the permitting and installation of conventional or accepted septic system drain fields. The soil outside of this area appears *unsuitable* for septic systems due to shallow depths to weathered rock. A typical septic drain field and future repair area combined require approximately 10,000 ft² for a three-bedroom home.

In summary, based on my preliminary soil evaluation, there is at least one area on the parcel with soil that is *suitable* and would accommodate the installation of septic systems. A detailed soil evaluation would be needed prior to starting the septic permitting process, and to accurately determine the location and extent of the *suitable* soil area(s). A detailed evaluation may require some thinning of the vegetation, and the use of backhoe pits to accurately assess relevant soil characteristics. Please note that a preliminary soil evaluation is based on field observations and a limited number of auger borings and therefore may be subject to change.

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).

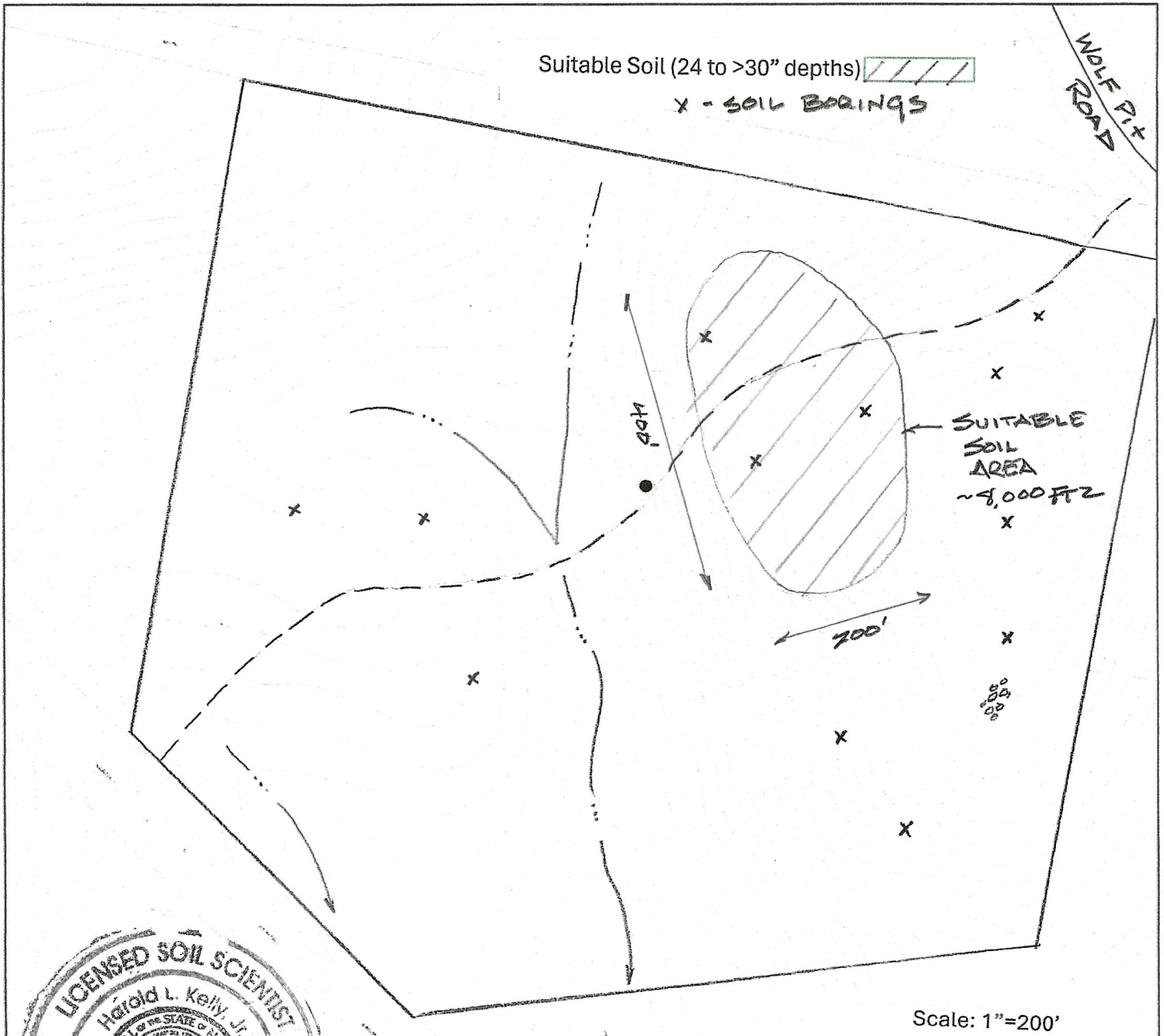
Sincerely,



Harold Kelly
NC Licensed Soil Scientist



Granville County, NC



Scale: 1"=200'



H. Kelly
3/31/2026

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