

Harold Kelly  
NC Licensed Soil Scientist, REHS, CPSS  
412 Clayton Ave.  
Roxboro, NC 27573  
(336) 322-4724  
hkelly0501@gmail.com

July 14, 2022

Julie Wright  
Julie Wright Land Company  
10931 Strickland Road  
Raleigh, NC 27615

RE: Preliminary Site Evaluation/ James Royster Rd. (#1153 and #1612)/ Granville County, NC

Dear Ms. Wright:

On July 13, 2022, we conducted a preliminary site/soil evaluation of the properties referenced above to determine suitability for the installation of septic systems. The evaluation was conducted by making a series of soil auger borings across representative portions of the properties. The soils were evaluated in accordance with North Carolina rules and regulations governing the permitting and installation of septic systems.

Based on our soil borings, useable soil depths ranged from 24 to 30", and would support the permitting and installation of several types of shallow placed drain fields. There are likely small inclusions of shallower (potentially unsuitable) and deeper soils on the parcels. Backhoe pits would be required to evaluate the weathered rock (saprolite) material below the soil material. If the saprolite meets specific requirements, then deeper drain field placement would be possible. The boulders on the property appear to have been imported and unrelated to the soil forming parent material.

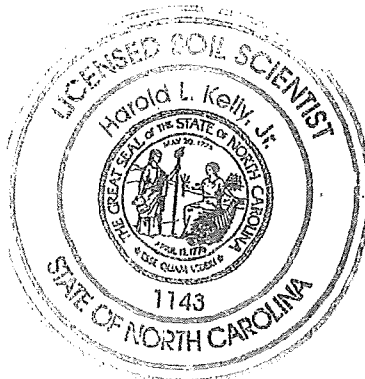
A typical 3 bedroom septic system and repair area in these soils would require an area of approximately 8,000 ft<sup>2</sup>. The natural land contour will impact the location, extent, and type of system.

In summary, it is my professional opinion that the majority of soils on both parcels meet the minimum regulatory requirements for the permitting and installation of septic systems. Please let me know if you have any questions.

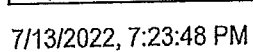
Sincerely,



Harold Kelly  
NC Licensed Soil Scientist



# Granville County, NC



## X - SOIL BORING LOCATIONS

