

Harold Kelly
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December 17, 2023

Deron Brodbeck
2921 Sunnystone Way
Raleigh, NC 27613

RE: Preliminary soil evaluation / Parcel ID: 190402779640 (5.26 acres)/ Bodie Currin Road/ Granville County, NC

Dear Mr. Brodbeck:

At your request a preliminary soil evaluation was conducted on the parcel referenced above. A preliminary soil evaluation is conducted by making a series of soil auger borings at intervals across the property. The purpose of a preliminary soil evaluation is to identify and estimate the portions of a tract that may support the installation of a septic system. Each soil boring was classified in accordance with State rules and regulations governing the permitting and installation of septic systems.

The included site sketch shows the approximate areas that appear to have *provisionally suitable* soils (soil depths >30"). The portion of the parcel south of Bodie Currin Road appears to have a sufficient area of *provisionally suitable* soil to support the installation of a septic system with a repair area. An existing well on the adjacent parcel may require that any system be installed in front of a proposed home.

Two smaller *provisionally suitable* soil areas were delineated on the northern portion of the parcel. This portion of the parcel may support one, or possibly two, septic system/repair areas. Additional soil work would be needed to determine the uniformity and extent of the identified areas.

Areas not delineated are dominated by *unsuitable* soils (<24" to soil wetness) or *unsuitable* topography.

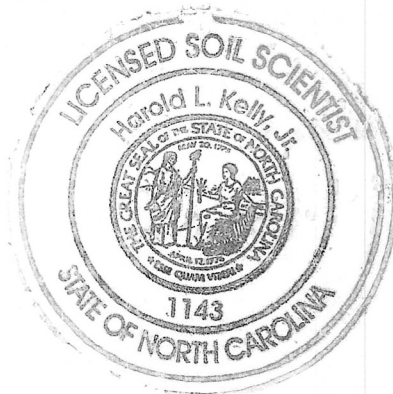
In summary, it appears that this parcel would support the construction of at least two septic systems, to serve two homes. A more detailed soil evaluation would be required to determine the uniformity and extent of the identified soil areas.

This report and the enclosed soil map are based on our observations and opinion as a licensed soil scientist. Permitting authority for septic systems is delegated to the Granville County Health Department. A detailed soil/site evaluation and system designs would be required prior to issuance of the required septic permits. Please let me know if you have any question (336-598-2382).

Sincerely,



Harold Kelly
NC Licensed Soil Scientist



Granville County, NC

Preliminary Soil Evaluation
Deron Brodbeck
2921 Sunnystone Way
Raleigh, NC 27613

Parcel ID: 190402779640 (5.26 acres)
Bodie Currin Road/ Granville County, NC

Notes:

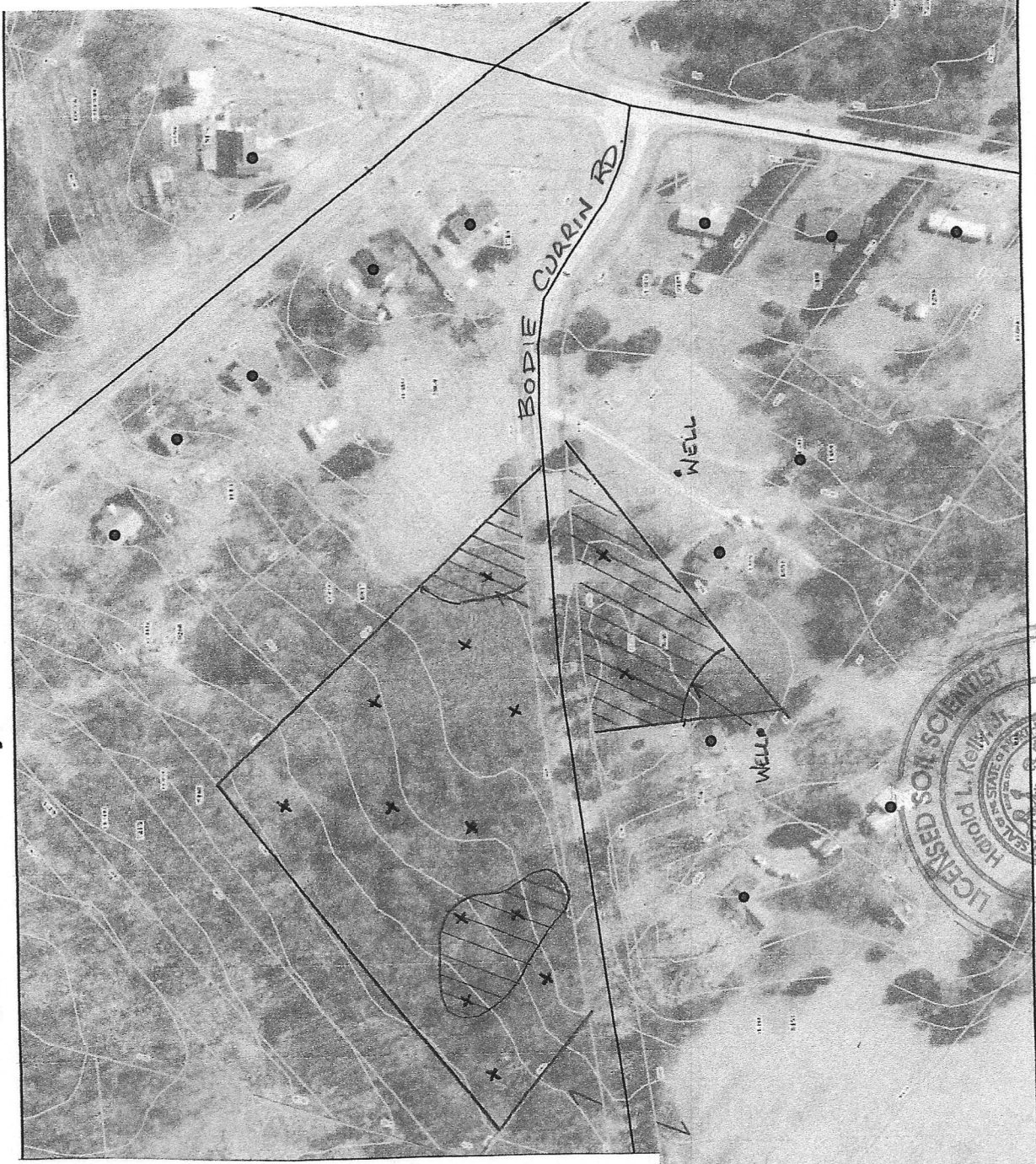
- Approximate soil boring locations marked on site sketch and flagged on property
- Delineation is approximate and will have inclusions of shallower soils
- Areas outside of delineation are dominated by soils <24" in depth



Soils 24" to >30" in depth

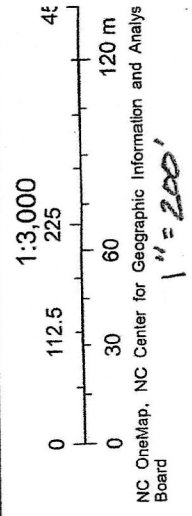
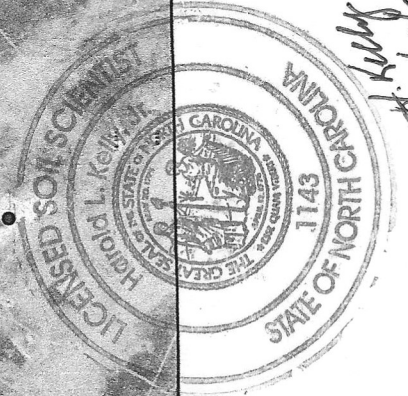
X = Soil boring locations

Site plan scale: 1" = 200'



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