

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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7 September 2023

Andrew Kesick

Reference: Preliminary Soil Investigation
185 Buie Farm Lane; PIN 0680-41-7082.000

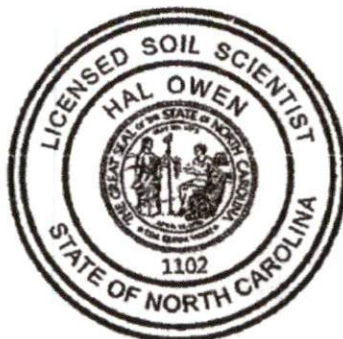
Dear Mr. Kesick,

A site investigation has been conducted for the above referenced property, located on the eastern side of Buie Farm Lane in Harnett County, North Carolina. The purpose of this investigation was to determine the site's ability to support subsurface sewage waste disposal systems. All sewage disposal ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". 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 improvement permit for all residences will need to be obtained from the Health Department that specifies the proposed home size and location, and the design and location of the septic 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. Soils units shown on the attached map represent dominant soil types with similar profiles but may include minor components of contrasting soil types.

Soils in the investigated portions of the site were observed to rate as provisionally suitable for subsurface sewage waste disposal (see attached map). These soils will adequately function as sewage waste disposal sites. Due to clayey textured subsoil characteristics, you should expect that approximately 75 feet of chamber drainline would be required for the initial system per bedroom in the home.

The soils underlying this property appear capable of supporting the subsurface sewage waste disposal needs of a four-bedroom home. 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,

A handwritten signature in black ink that reads 'Hal Owen'. The signature is written in a cursive, flowing style.

Hal Owen
Licensed Soil Scientist

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SOIL MAP

