

HAL OWEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

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7 April 2004

Mr. Bruce Martin
2888 Benson-Hardy Road
Benson, NC 27504

Reference: Preliminary Soil Investigation
Lot 17, Neill's Creek Farms

Dear Mr. Martin,

A preliminary soil investigation has been conducted for the above referenced property, located at the end of Overlook Court, Black River Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of this lot to support a subsurface sewage waste disposal system and 100 % repair area for a typical four-bedroom home with basement. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is my understanding that community water supplies will be utilized for this lot. A foundation drain appears to be possible. This report represents my professional opinion as a Licensed Soil Scientist but does not guarantee or represent permit approval for this 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.

A portion of this lot was observed to be underlain by soils that are rated as provisionally suitable soils for subsurface sewage waste disposal (see attached map). These provisionally suitable soils were observed to be friable to firm clay loams to greater than 32 inches and appear adequate to support long term acceptance rates of 0.3 to 0.4 gal/day/sqft, or in other words, 400 to 533 linear feet of conventional drainline per system. It appears that the soils on this lot are adequate to support a gravity driven conventional initial septic system for a four-bedroom home. Adequate amounts of usable soils also exist to support at least 100% repair area.

I trust that this report provides the information that you require at this time. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



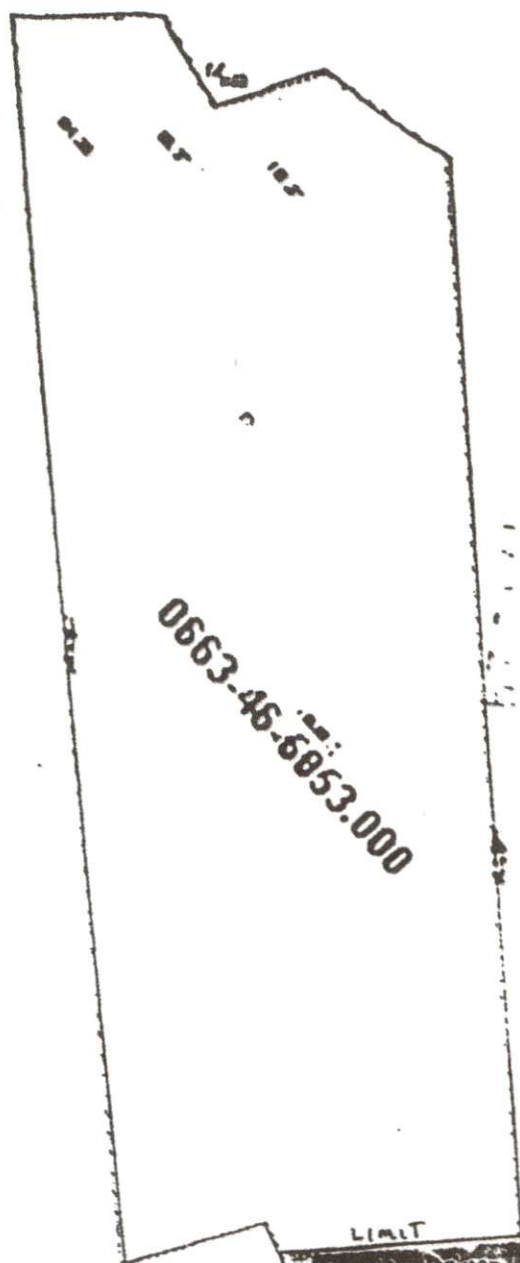
Laura J. Fortner
Licensed Soil Scientist

Lot 17, Neill's Creek Farm
 Preliminary Soil Investigation
 for Bruce Martin

Click on the Map to:

- Recenter Map
- Radius Search (feet)
- Identify

Tax

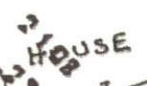


Provisionally Suitable Soils



Footslope (just outside of large trees)

Approximate Limit



In field



(3.07A)
 0392-1.108

(2.18A)
 1522

289.1

1260
 15
 558.75
 (5.54A)
 3073

Gov. District
 Voting Precinct
 Census Tracts
 School District
 Major