

**Adams Soil Consulting**  
1676 Mitchell Road  
Angier, NC 27501  
919-414-6761

September 15, 2017  
Project # 531

Daniel Edwards  
313 Holland Drive  
Goldsboro, NC 27530

RE: Preliminary soil/site evaluation for Harnett County PIN #0692-47-7544.000 located adjacent to Pope Lake Road in Harnett County.

Mr. Edwards,

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions and the suitable soil boundary was sketched onto background map taken from the Harnett County GIS data base.

The suitable soils shown on the accompanying soil map are suitable for conventional type septic systems. Only a portion of the property was evaluated at the request of the client. The suitable soil area shown on the accompanying map is composed of provisionally suitable soils that consist of clay subsoil that can support a daily loading rate of 0.3-0.4 gallons/day/ft<sup>2</sup>. Any future septic system and loading rate for this property will be permitted by the Harnett County Health Department. The areas for the proposed septic fields shall not be impacted by building sites, parking lots, pools, etc., and shall not be mechanically altered from the natural lay of the land.

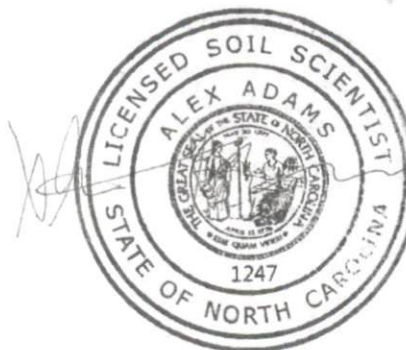
The property will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a septic system. A septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for the primary and repair septic areas. Due to the subjective nature of the permitting process and the variability of naturally occurring soils, Adams Soil Consulting cannot guarantee that areas delineated as suitable for on-site wastewater disposal systems will be permitted by the governing agency. The lot may require a septic system utilizing pumps, shallow or ultra-shallow conventional trench placement, low pressure pipe system, and/or reductions system for final approval. The accompanying soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

If you have any questions regarding the findings on the attached map or in this report, please feel free to contact me anytime. Thank you allowing me to perform this site evaluation for you.

Sincerely,



Alex Adams  
NC Licensed Soil Scientist #1247



# Preliminary Soils Evaluation

## Daniel Edwards

### Harnett County PIN #0692-47-7544.000

### Harnett County, NC



**Legend**



Areas contain soils with 30 inches or more of useable soil material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.

NE

Areas not evaluated

\*Not a Survey  
(sketched from county GIS)

**\*Preliminary Soils Evaluation**

\*Soil boundary was sketched onto a preliminary map of the property supplied by the client's surveyor.

\*Not a Survey.

\*Septic system setbacks listed below for new lots.

- 1) 10' from property lines.
- 2) 100' from wells for primary systems.
- 3) 50' from surface waters (streams, ponds, lakes).

\*Any mechanical disturbances such as grading, cutting and filling of the suitable soil areas can render areas unsuitable for future septic systems.

\*See accompanying report for additional information.

\*Due to Soil Variability, Adams soil consulting cannot guarantee that the areas shown as suitable will be permitted by the local Health Department.



GRAPHIC SCALE  
1" = 200'



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# Edwards' Property

**Legend**

- Good High Ground/Red=House
- ⋈ Potential Driveway



Alex did most of his test here.

Potential Drain Field

House





SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

*David Edwards*

Signature of Owner or Owner's Agent

2-2-18

Date

\*\*\*It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.\*\*\*

\*\*This application expires 6 months from the initial date if permits have not been issued\*\*

