

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

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January 23, 2025  
Project #2074

RE: Preliminary soil/site evaluation for Lot #1A and Lot #2B of the minor subdivision for Kristen Wylie located adjacent to 11755 NC Hwy 27 W in Harnett County, NC (PIN # 0507-09-3381).

Ms. Wylie,

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 based on the criteria found in the State Subsurface Rules, 15ANCAC 18E "Laws and Rules for Sewage Treatment and Disposal Systems". From this evaluation, ASC sketched the boundary between the suitable soils and unsuitable soils onto preliminary plat map of the property supplied by your surveyor. The suitable soils shown on the accompanying soil map are suitable for conventional type or alternative type septic systems.

At the time of evaluation, Lot #1A had existing single- family home serviced by a gravity septic system. More than 8,000 ft<sup>2</sup> of suitable soil was identified that could be used for a repair septic system for the existing home should a repair be needed in the future and is shown on the attached soil map. Furthermore, the new proposed property lines to not impact the existing system and the existing system will be located within the new lot boundaries and meet all existing and known setbacks.

Lot# 2B was vacant at the time of evaluation. Approximately 15,000 ft<sup>2</sup> or more of suitable soil was identified that could be utilized for a future septic system for this lot. The lot should accommodate at least a 3-bedroom home with a house foot print of 50' X 50' or larger.

The specific septic system and loading rates for the lots will be permitted by the Harnett County Health Department or other permitting authority. The areas for any proposed initial and repair septic fields shall not be impacted by construction activities and shall not be mechanically altered from the natural lay of the land.

The lots will require a detailed soils evaluation by the Harnett County Health Department or other permitting authority prior to issuance of any permits for a septic system. A septic system design/ layout may be required before a permit

can be issued on the above referenced lots demonstrating available space for the future septic systems. I can offer these services if requested. 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.

Thank you for allowing me to perform this service for you. Please let me know if you have any questions regarding this report or the accompanying soil map.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alex Adams', is placed over a light blue rectangular background.

Alex Adams  
NC Licensed Soil Scientist #1247  
Encl: Soil Map



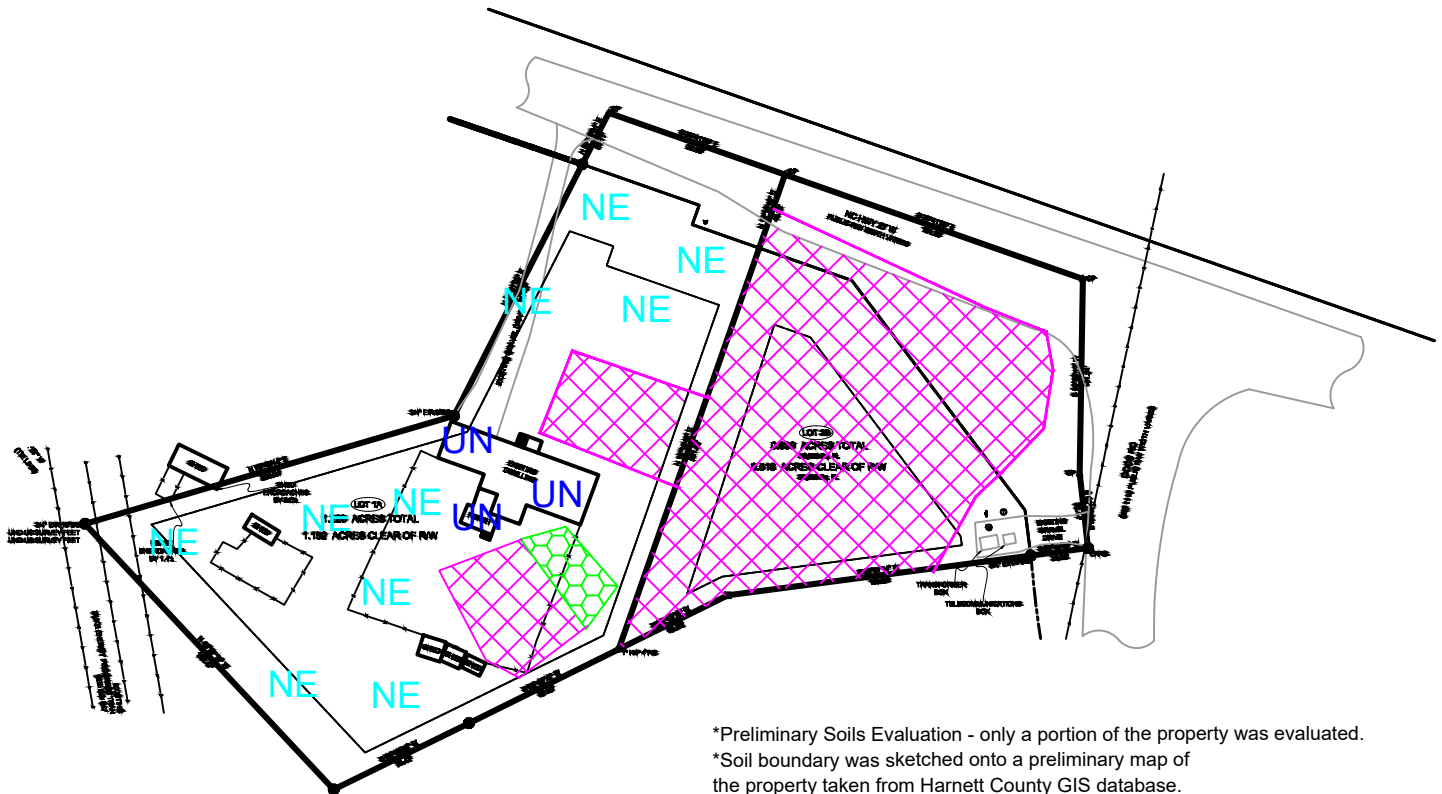
# Preliminary Soil Evaluation

## Minor Subdivision - Lots #1A & 2B

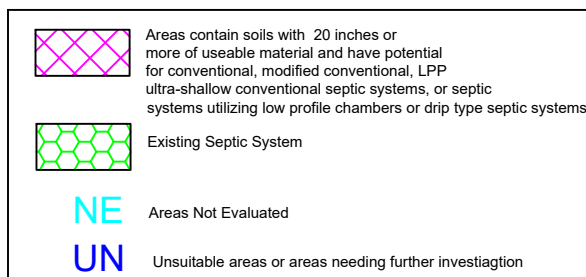
### Harnett County NC

#### 11755 NC 27 W

#### January 22, 20254



Legend



\*Preliminary Soils Evaluation - only a portion of the property was evaluated.

\*Soil boundary was sketched onto a preliminary map of the property taken from Harnett County GIS database.

\*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.

\* A more detailed soil evaluation is required prior to final subdivision planning.

GRAPHIC SCALE  
1" = 100'



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