

Adams Soil Consulting
1576 Mitchell Road
Angier, NC 27501
919-737-6761

December 27, 2021
Project #1998-A

Alfonse Arvink Benavides
829 Lennie Smith Road
Fogarty-Vernon, NC 27526

Re: Preliminary soil/site evaluation for lots #1-2 of the minor subdivision for Alfonso Arvink Benavides located adjacent to Cool Springs Road in Harnett County.

Mr. Benavides,

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 & I.P.). The soil/site evaluation was performed using sand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules, SANCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". The suitable soil boundary was sketched onto a preliminary plat supplied by your surveyor.

The suitable soils shown on the accompanying soil map have potential for a conventional, modified conventional, or alternative type final and repair area for at least one 3-bedroom home site on lots 1-2. The lots contain greater than 25,000 ft² of provisionally suitable soils that consist of sandy clay loam or clay subsoil that can support a daily loading rate of 0.3-0.4 gallons/day/ft². The lots should accommodate a house footprint of at least 60' x 60'. The residual parcel is greater than 10 acres in area, but also was found to contain potentially provisionally suitable soil to accommodate at least one single family residence.

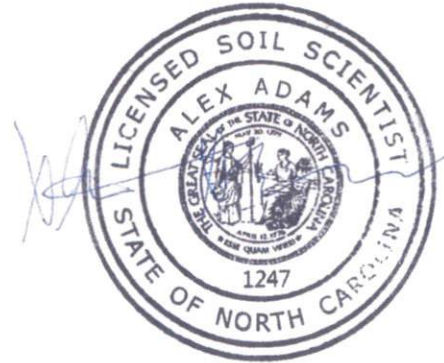
All lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits related to any existing or future septic system. A septic system design may be required before a permit can be issued on the above referenced lot demonstrating available space for any septic system. 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, pre-treatment, and/or reduction systems for final approval. The accompanying soil map is preliminary in nature, no further assumptions or subdivisions 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
 [Sheet 1 of 2]
 Tennessee - Coal Springs River

Legend



Areas marked with this symbol indicate the presence of asbestos, lead, or other hazardous materials and have potential for contamination, including LUST or other potential contaminants. There may be inclusion of soils that are marked as a restrictive material and have potential for LUST soils systems.

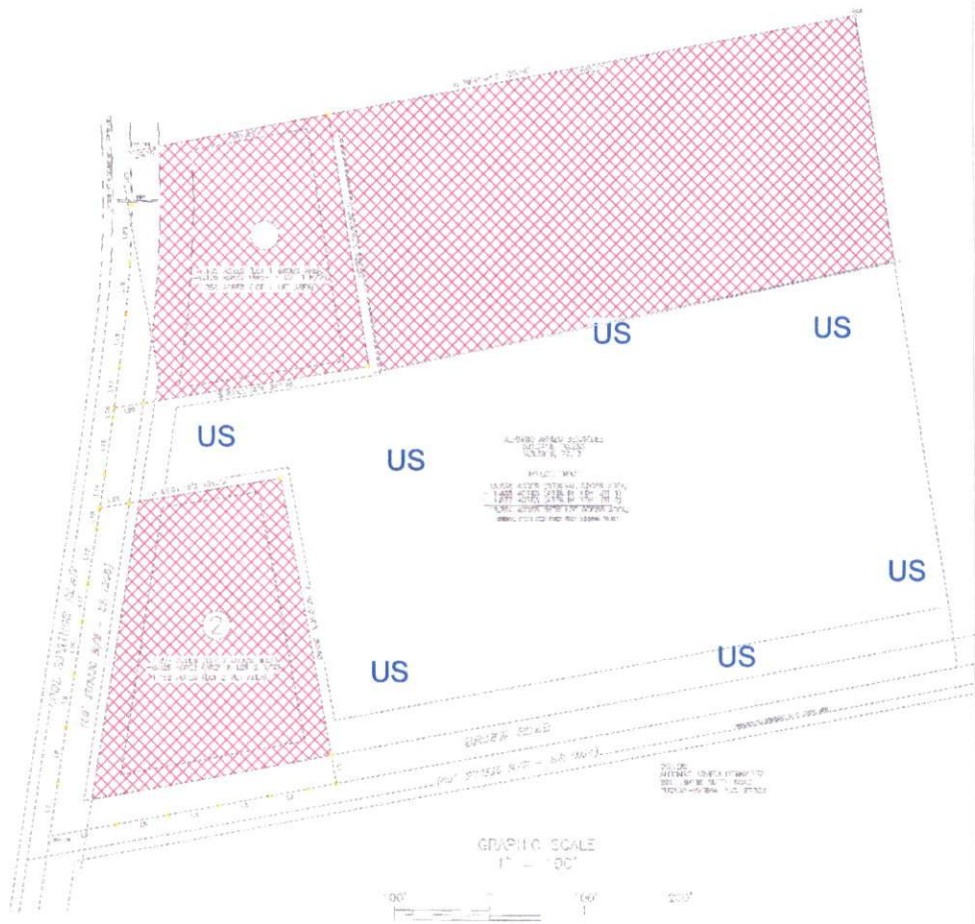
US Unusable areas

Preliminary Soils Evaluation

- *Note: Soils included from a preliminary map.
- *Soils system boundaries listed below are for reference only.
- 1) 10' from existing trees.
- 2) 10' from existing buildings and other structures.
- 3) 20' from surface water (streams, ponds, lakes).
- 4) Any mechanical disturbances such as grading, drilling and filling.
- 5) In suitable soil areas, consider areas suitable for future septic areas.
- 6) See accompanying report for additional information.
- 7) This map is based on a preliminary map.
- 8) Due to Soil Variability, Adams Soil Consulting cannot guarantee that the same information will be provided by its field soil inspectors.
- 9) Areas marked as unusable should be performed prior to final installation.



Adams
 Soil Consulting
 818-474-5731
 Project #958-A



Invoice

January 11, 2022

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

Invoice No.: 996-A

Attention: Alfonso Arvizu

Description			Amount
Field evaluation Soil-Site Investigation - Rework Soil map and report for 2-Lot minor subdivision - Jilington, NC			\$175
		Total Due	\$175

Make all checks payable to:
Alex Adams

If you have any questions concerning this invoice, call:
Alex Adams, 919-414-6761