

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY SC-SANDY CLAY			

STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

A large grid for recording profile locations and site features. The grid consists of 20 columns and 20 rows. The top row is labeled 'Show profile locations and other site features (dimensions, references or benchmark, and North)'. The grid is currently empty.

Adams Soil Consulting

1676 Mitchell Road
Angier, NC 27501
919-414-6761

April 29, 2013
Project # 174

Streamline Surveying, Inc.
870 NC 55 W.
Coats, NC 27521

RE: Soil/Site evaluation for Lot #2 of the minor subdivision Beverly L. and Paige Day Stephenson located adjacent to Maple Road in Harnett County, NC.

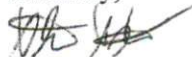
Mr. Godwin:

Adams Soil Consulting completed a soils evaluation per your request for the above referenced minor subdivision for Beverly L. and Paige Day Stephenson in Harnett County. The soil/site evaluation was performed using hand auger borings, under moist soil conditions, based on the criteria found in the State Subsurface Rules, 15ANCAC 18A .1900 "Laws and Rules for Sewage Treatment and Disposal Systems". The suitable soils shown on the accompanying soil map are suitable for a conventional type initial and repair area for at least one 4-bedroom home. Lot #2 contains greater than 25,000 ft² of suitable soils that consist of a sandy loam and sandy clay subsoil that can support a daily loading rate of 0.3-0.4 gallons/day/ft². The lot should support a home site with a foot print of at least 70' X 70'. The specific septic system and loading rates for this lot will be permitted by the Harnett County Health Department. The areas for the proposed septic fields shall not be impacted by home sites, pools, garages and shall not be mechanically altered from the natural lay of the land.

The lot will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits for a repair 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 accompanying soil map is preliminary in nature, no further assumptions or subdivision should be made without a more detailed evaluation.

Please give me a call if you have any questions.

Sincerely,



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



Preliminary Soils Evaluation
Beverly L. and Paige Day Stephenson
Lot 2, Maple Road
Harnett County, NC



***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.

Legend

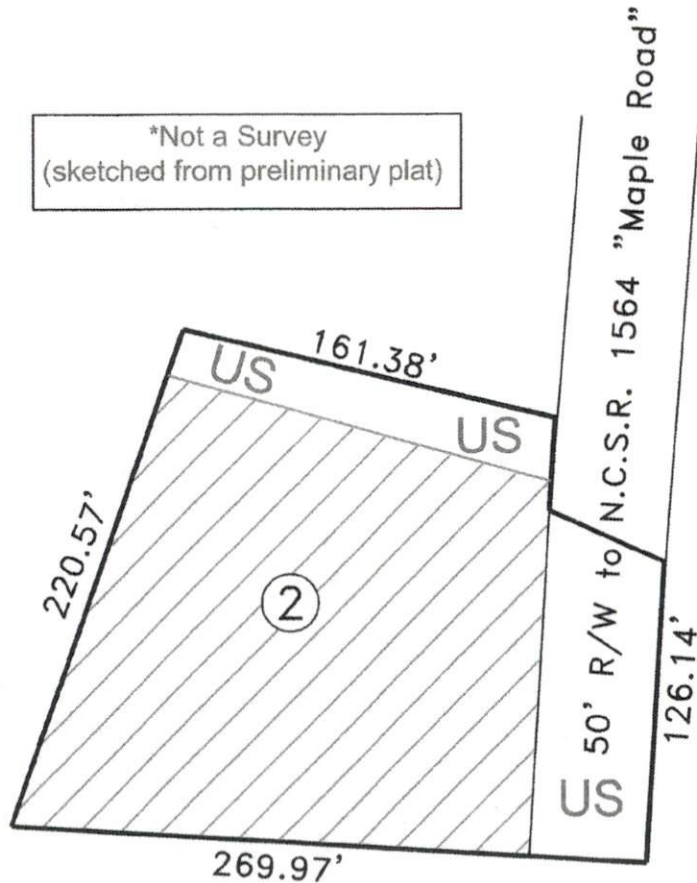


Areas contain soils with 30 inches or more of useable material and have potential for conventional, modified conventional, LPP or ultra-shallow conventional septic systems. There may be inclusion of soils 24-29 inches to a restrictive horizon that will have potential for LPP septic systems.

US

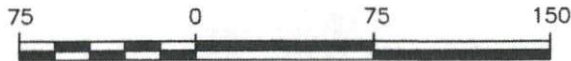
Unsuitable areas for onsite waste water disposal.

*Not a Survey
 (sketched from preliminary plat)



30 APR 13

GRAPHIC SCALE
 1" = 75'



Adams
 Soil Consulting
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 Project #174