

☒ Public ☐ Individual ☐ Well ☐ Spring ☐ Other
☒ Auger Boring ☐ Pit ☐ Cut
☒ Sewage ☐ Industrial Process ☐ Mixed

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): PS
System Type(s)	con	con	Evaluated By: JMR Bm
Site LTAR	.4	.4	Others Present:

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
F3-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		CL-CLAY LOAM			P-PLASTIC
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			VP-VERY PLASTIC
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE

SQ-SINGLE GRAIN

M-MASSIVE

CR-CRUMB

GR-GRANULAR

SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY

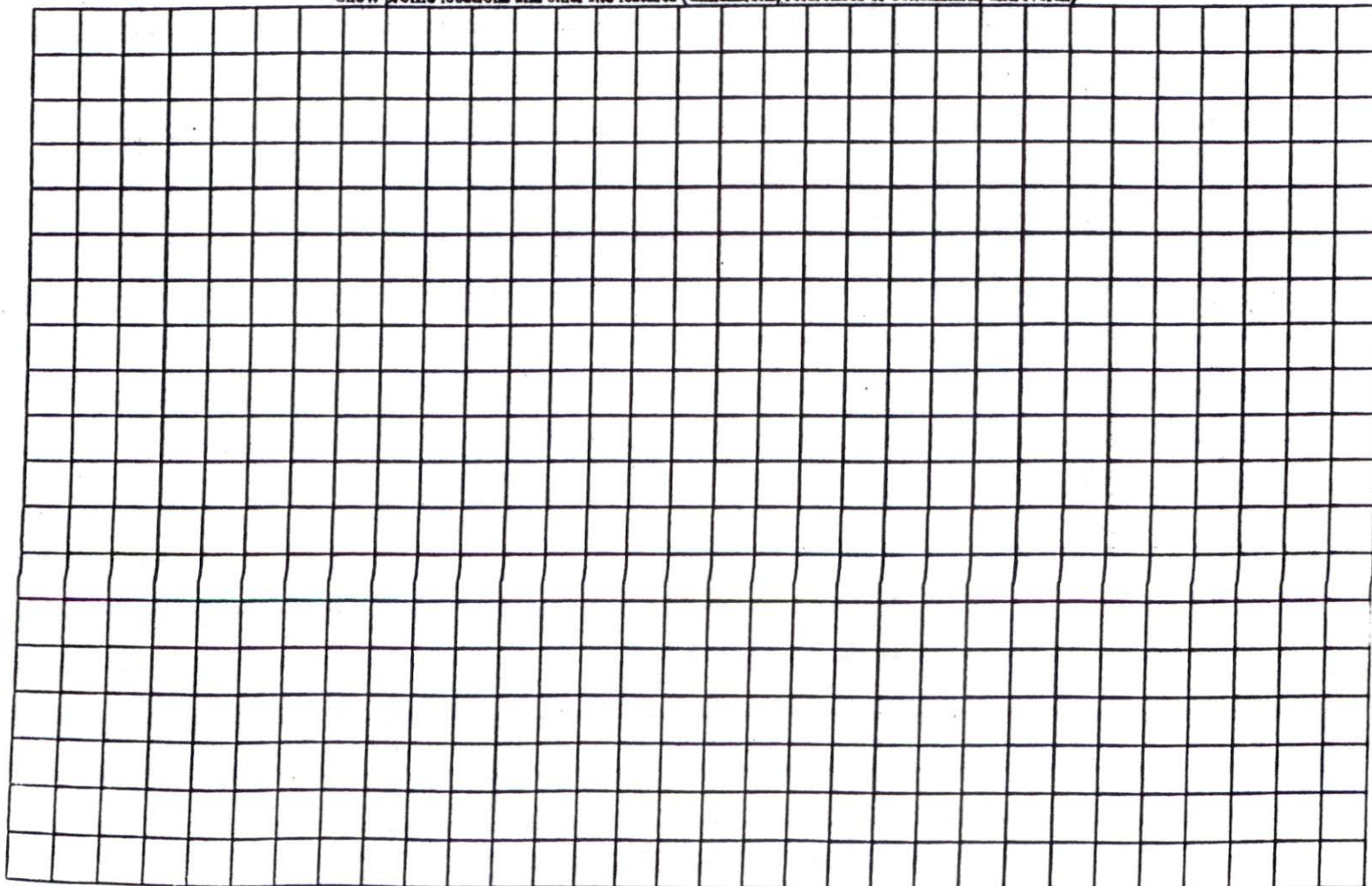
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE

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



Adams Soil Consulting

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

September 22, 2010
Project # 109

Charlie Stevens
707 West Pope St
Dunn, NC 28234

RE: Soil/Site evaluation for two lots of the minor subdivision for William and Patsy Powell adjacent to Pecan Lane in Harnett County, NC.

Mr. Stevens:

Adams Soil Consulting completed a soils evaluation per your request for the minor subdivision of William and Patsy Powell adjacent to Pecan Lane 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 soils shown on the accompanying map are suitable for conventional type septic systems and repair areas for at least one 4-bedroom home for the proposed lots #2 & #3. Both of the proposed lots contain greater than 25,000 ft² of suitable soils that consist of a sandy clay loam and clay subsoil that can support a daily loading rate of 0.30-0.4 gallons/day/ft². The specific septic system and loading rates for each 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 lots will require a detailed soils evaluation by the Harnett County Health Department prior to issuance of any permits. Depending on the location and size of the proposed home, garage, pool area etc. a septic system layout may be required before a permit can be issued on the above referenced lot demonstrating available space for a septic system and repair area. 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
Invoice

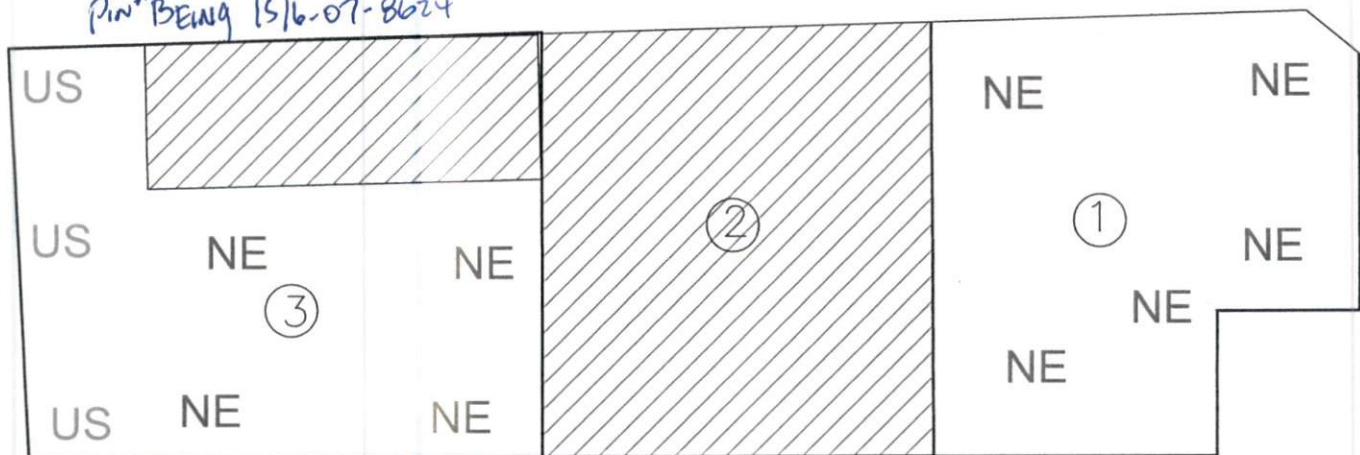


22 Sep 10

Preliminary Soils Evaluation
Charlie Stevens
Approximately 6.0-acres
Harnett County



Pin# BEING 1516-07-8624



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.

NE Areas Not Evaluated

US Unsuitable Areas

*Not a Survey



22 Sep 10

*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" = 100'

100 0 100 200

Adams
Soil Consulting