

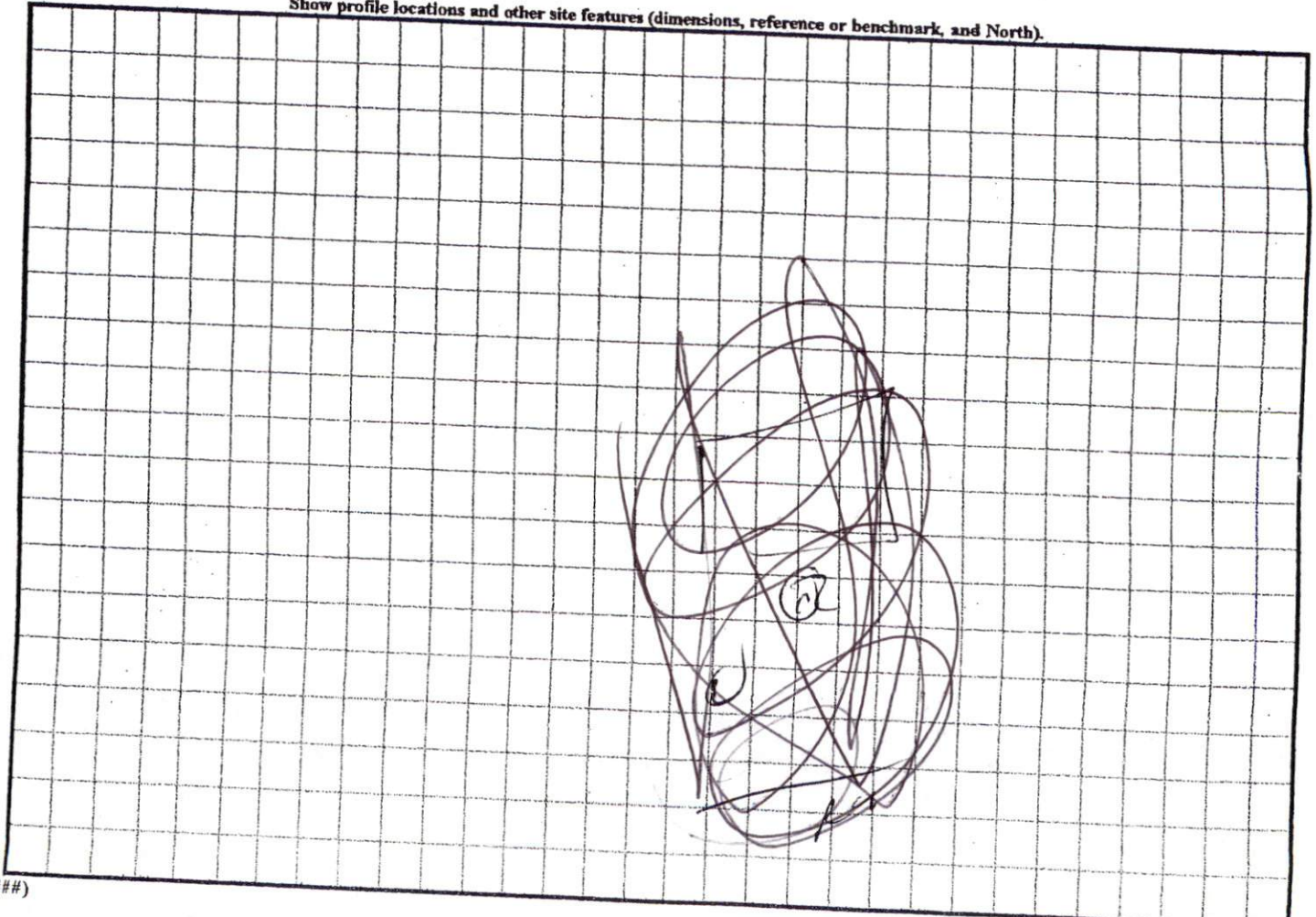
COMMENTS: _____

<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 FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE		SICL-SILTY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		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, reference or benchmark, and North).



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22 January, 2002

Mr. Wayne Mauldin
Mauldin-Watkins Surveying, PA
PO Box 444
Fuquay-Varina, NC 27526

Reference: Preliminary Soil Investigation
Thomas G. Beasley & Vicky S. Beasley Property – 2.848 Acres

Dear Mr. Mauldin,

A preliminary soil investigation has been conducted at the above referenced property, located on the eastern side of US Hwy 401, Hector's Creek Township, Harnett County, North Carolina. The purpose of the investigation was to determine the property's ability to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal, 15A NCAC 18A .1900." It is our understanding that an individual septic system and a private well will be utilized at this site. For a better drained site that is not downslope of the septic system or repair area, the owner may wish to place the well on his adjacent property, and public water supplies are also available. At the time of the investigation a portion of the lot had been excavated for the basement of the proposed home. It is our understanding that the basement will not contain plumbing, and that a permit has been issued for the septic system that substantiates this by utilizing gravity driven conventional drainlines.

A portion of Lot 1 was investigated and found to be underlain by provisionally suitable soils for subsurface sewage waste disposal. These provisionally suitable soils were observed to be friable sandy clay loams to greater than 36 inches and will support long term acceptance rates of 0.4 to 0.5 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and a repair area for one residence.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Hal Owen
Licensed Soil Scientist

