

No geophysical log

J04-A-6-83



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor.

Joseph W. Grimsley, Secretary

DIVISION OF
LAND RESOURCES

Stephen G. Conrad, Director

Telephone 919 733-3833

Dear *Mr. Stanley* :

The North Carolina Geological Survey Section, Department of Natural Resources and Community Development is drilling a number of shallow auger holes in order to gather information about geologic structure and rock type. This information will be used to construct a new State Geologic Map. One or more desirable sites for auger holes are located either within the highway easement across your property or on your property as indicated on the attached sketch map.

Geological Survey personnel would be drilling 6-inch diameter auger holes not more than 105 feet deep with a truck mounted auger rig and accompanying service truck. In some instances geophysical equipment would be lowered down the hole to gather part of the necessary information. When finished all equipment, material, and structures will be removed, cuttings scattered, and the holes permanently plugged in accordance with state regulations. All work will take from less than one day to not more than one or two days, depending on how many holes we are requesting to drill on your right-of-way or your property.

Please indicate your permission for us to do this work by signing and returning this letter to us.

Respectfully,

Rebecca M. Enos
Driller-in-Charge

[Signature]
Land Owner (or)
Person in charge of the land

8-15-83
Date

INTE	DRILLING REMARKS	DESCRIPTION: CIRCULATED RETURNS	SAMPLE	CIRCULATION REMARKS	DESCRIPTION: FLIGHT RETURNS	SAMPLE
0-4	easy 30 sec	yellowish brown silty sand		Spin		
4-9	easy 30 sec	yellow to light gray clay		Spin	brownish yellow to gray clayey sand	X
9-14	easy 30 sec	yellow brown sandy clay findings		Screw in	gray clayey sand	X
14-19	aa	findings at end of screw in of flight X much findings gray sandy clay		aa	gray sandy micaceous clay	X
19-24	aa	findings gray clayey X sandy		aa	gray sandy micaceous clay	X
24-29	aa	findings aa		aa gray	color change micaceous clay with brown mottling	X
29-34						
34-39						
39-44						
44-49	on this hole	one flight of stiff clay cuttings represented				
49-54		4 flights of vertical distance - this fact was used to calculate where to sample for the proper depth				
54-59		No geophysical logs were run				
59-64						
64-69						
69-74						
74-79						
79-84						
84-89						
89-94						
94-99					2825'47	
99-104					352424	

Well: JOH-A-6-83
 DATE: 8/16/83

Spud: _____
 Plug: _____

CEMENT: _____
 SAND: _____

Elev.: 160
 T.D.: _____

SAMPLE DESCRIPTION

Well # JOHAG TD 29 Examined by: EMB Date 10/10/83

p. 1 of 1

Key: A - Abundant C - Common M - Minor T - Trace R - Rare X - Major Constituent

unwash

WASH

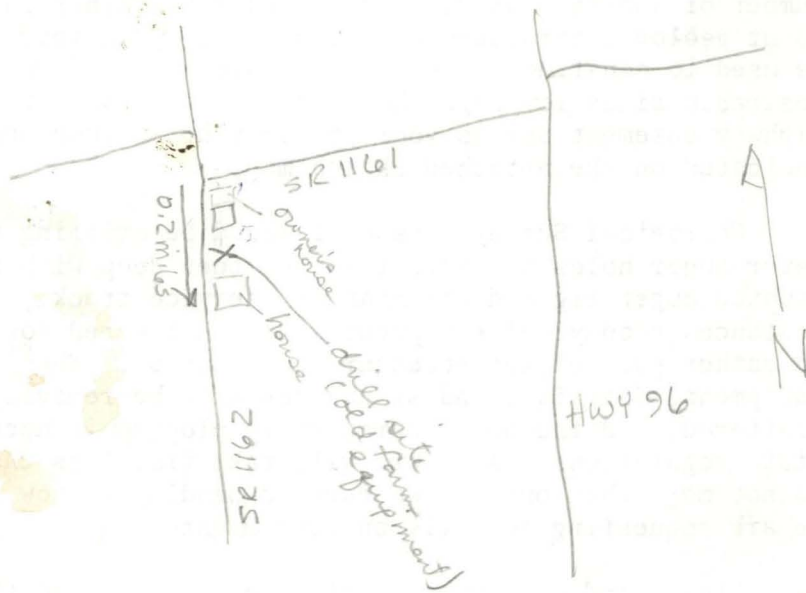
Interval	Rock Type	Color	Texture			Mineralogy															Remarks					
			Grain Size	Grain Shape	Sorting	Quartz	Feldspar	Glauconite	Phosphate	Calcite	Shell Frags	Mica	Pyrite	Limnite	Chalcedony	Amethyst	Rose Quartz	Tourmaline	Siderite	Limestone		Dolomite	M. Fossils	Re-Stain	Yellow limonite and mica	
10 ↑	Med sand with clay	streaked pale yellowish orange 10YR 8/12 N2.5	vfs - fs	A-SA	A					M														M	T	
14 ↑	Med sand with clay	Very light gray N2.5	CS-MS	SA	A					R						R								R	T	
19 ↑	vfs - silty clay	yellowish gray 5Y 6/2	vfs	SA-A	A					M							M								T	
24 ↑	vfs - silty clay	yellowish gray 5Y 7/2	vfs	SA-A	A	R				M					R		M								T	
29 ↑	Very fine sand	light olive gray 5Y 6/1	vfs	SA-A	A					M								C				R		T	T	
Slides - no microfossils																										

clay aggregates
Heavy
Heminitic aggregates

surficial unit F 0-14
14-29

Johnston County
Site # ~~7~~ 6

Four Oaks Quad 15'



Handwritten notes, possibly a name or address, partially obscured by a large stain.

Handwritten signature or name, possibly 'C. R. ...'.

8-12-88