

SAMPLE DESCRIPTION

Well # DU-A-1-83 TD 70 Examined by: BF Date 11/10

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

Interval	Rock Type	Color	Texture			Quartz	Feldspar	Glauconite	Phosphate	Calcite	Shell Frags	Mica	Pyrite	Lignite	Chalcedony	Amethyst	Rose Quartz	Tourmaline	Siderite	Limestone	Dolomite	Fossils	Fe-Stain	Remarks	
			Grain Size	Grain Shape	Sorting																				
25/30	Sst		m	ang	wl	X	M																		
30/35	"		m	ang	wl	X	M																		
45/50	"	A/A more lignite & Fe-stn																							
55/60	"	A/A (45/50)					R																		
60/65	Sst	A/A	m	ang	med	X	T	T				M	T	T											
65/70	Sst	A/A	m	"	"	X	T	R				M	C	C											

} Blk Creek
"C"

GEOPHYSICAL LOG

NORTH CAROLINA GEOLOGICAL SURVEY SECTION

Well Code: DU-A-1-83 X-Ref: _____ Date Drilled: 10/4/83 Date Logged: 10/4/83

County: Duplin Latitude: 351048 Longitude: 780800 Elevation: 162 ft. (MSL) TD 70 ft.

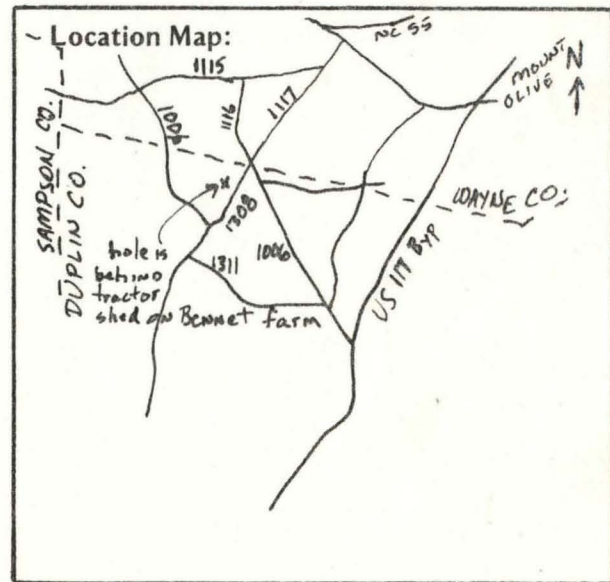
Owner: N/A Driller: NCGS (B. Hoffman) Borehole Fluid: N/A

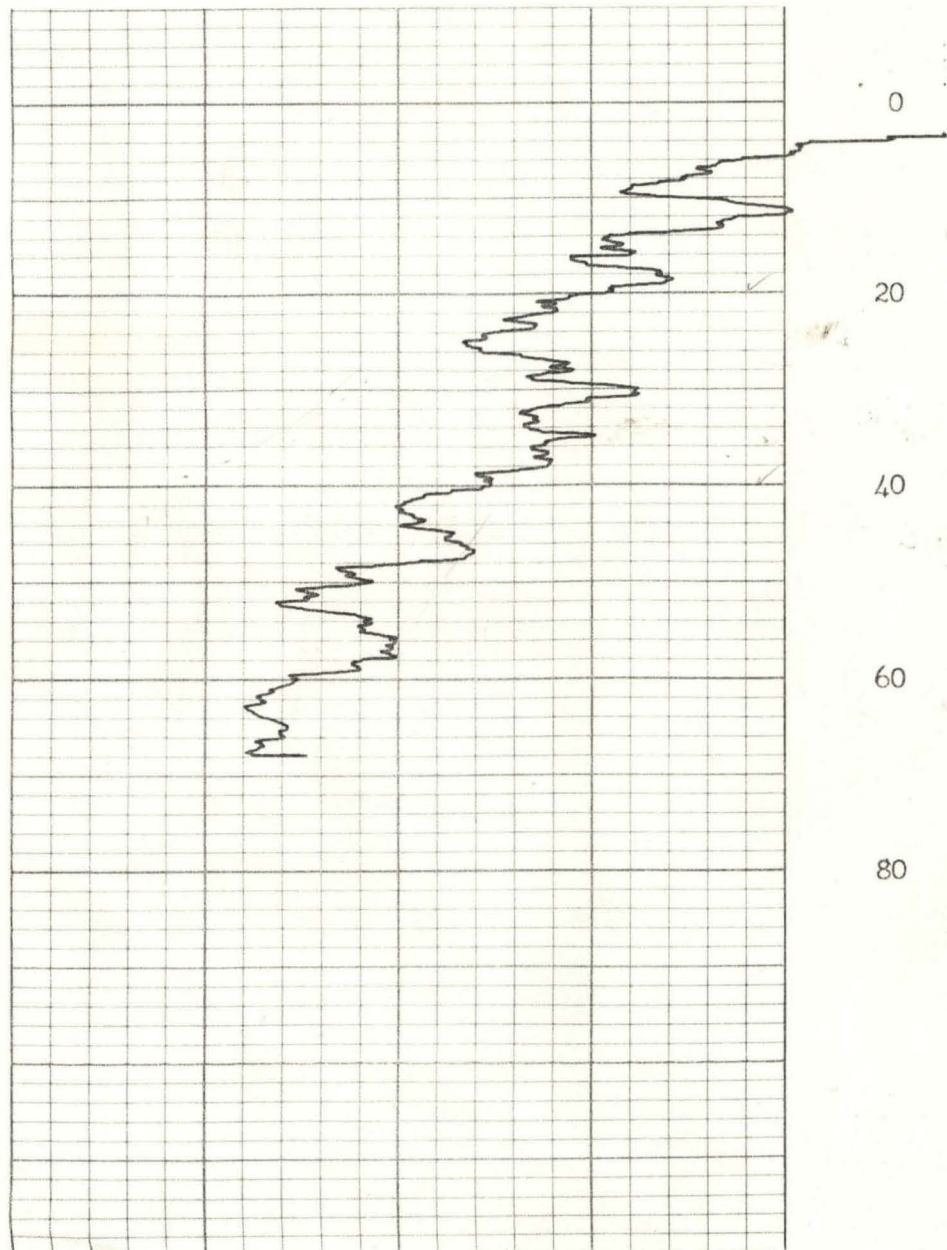
Open-hole Diameter: N/A in. Casing Depth: 0 ft. Casing Diameter: N/A in. Witness: N/A

Operator: B. Hoffman Remarks: logged through 6" hollow-stem auger flights

Logging Parameters:

	scale	speed	direction	TC
Gamma	<u>5</u> units/in.	<u>15</u> ft./min.	<u>uphole</u>	<u>8</u> sec.
SP	_____ mv/in.	_____ ft./min.	_____	_____
SPR	_____ ohms/in.	_____ ft./min.	_____	_____





0
20
40
60
80

} loose orange sand
} brownish gray damp sandy clay

} tan fine grained sand

} Black Creek Formation - clayey sandstone
} dark gray, med-gr, angular,
} well to well sorted quartz with
} minor feldspar, common mica and lignite
} and a trace of pyrite

} As above but less feldspar and mica,
} streaks of greenish stained quartz
} and mica with a trace of glauconite