



OWNER: Cardinal Estates #1  
DRILLER: Layne Atlantic Company  
COUNTY: Princess Anne (Norfolk)

VDMR #1120  
WWCR #53  
TOTAL DEPTH: 133'

### GEOLOGIC LOG

0-6	Sandy Silt - tan, clear, subrounded to subangular quartz, muscovite, silt-size material, minor glauconite.
6-33	Sand - tannish gray, some silt-size material, subangular to rounded quartz, muscovite.
33-64	Sandy Silt - tannish gray, clear, subrounded quartz, muscovite. Large amount broken pelecypod shells and several whole gastropods.
64-94	Silt - gray, minor quartz, slightly indurated, considerable pelecypod shell fragments.
94-113	Silty Sand - tannish gray, clear, subrounded quartz, muscovite, biotite, glauconite. Large amount of small pelecypod shell fragments and one worn and broken textularia.
113-122	As above - with several cephalopod shells.
122-133	No sample.

### GEOLOGIC SUMMARY

	<u>FORMATION</u>	<u>AGE</u>
0-64	Terrace deposits	Quaternary
64-122	Yorktown	Miocene

Virginia Division of Mineral Resources  
Garnett Gatlin, Geologist  
September 2, 1964