

OWNER: Bayville Farms
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Norfolk (Wallaceton)

VDMR #1556
WWCR #157
TOTAL DEPTH: 123'

GEOLOGIC LOG

Columbia Group (0-20')

0-10 Clay — grayish-brown; moderate amount of fine-grained, well-sorted sand; a few plant fragments

10-20 "

Yorktown Formation (20-110')

20-30 Sand — gray, very slightly silty and argillaceous; medium-grained, well-sorted, subrounded; traces of glauconite, garnet, and pyrito-carbonaceous material; about 10% shell fragments — mostly pelecypods, some echinoid spines

30-40 slightly argillaceous and more poorly sorted

40-50 Sand — gray, clean; medium- to coarse-grained, well-sorted, subrounded; traces of epidote, muscovite, garnet, and phosphorite; 5-10% pelecypod shell fragments

50-60 Sand and shell — gray, very slightly argillaceous; about 50% sand: medium- to coarse-grained, fairly well sorted, subrounded; traces of garnet and phosphorite; about 50% shell: pelecypods, gastropods (several genera), scaphopods, echinoid spines and plates, and a few miliolid foraminifers.

60-70 "

70-80 No sample

80-90 Sand and shell — gray, very slightly argillaceous; about 50% sand: medium- to coarse-grained, fairly well sorted, subrounded; traces of garnet and phosphorite; about 50% shell: pelecypods, gastropods (several genera), scaphopods, echinoid spines and plates, and a few miliolid foraminifers.

90-100 Shell and sand — gray, argillaceous; 50-60% shell: pelecypods, gastropods, echinoid spines corals; 40-50% sand: medium-grained, moderately sorted, subangular to subrounded; moderate abundance of miliolid foraminifera

100-110 "

110-123 No sample

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-20	Columbia Group	Pliocene - Pleistocene
20-110	Yorktown Formation	Miocene
110-123	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
April 27, 1966