

OWNER: Southern Block and Pipe Corporation
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Norfolk

VDMR #1543
WWCR #154
TOTAL DEPTH: 138'

GEOLOGIC LOG

Yorktown Formation (0-138')

- 0-10 Sand — gray to yellowish-brown, moderately argillaceous; fine- to medium-grained, fairly well sorted, subangular to subrounded; small amount of carbonaceous material; scattered pelecypod shell fragments.
- 10-20 Sand — gray, very slightly argillaceous; fine- to coarse-grained, moderately sorted, subangular to subrounded; a few pelecypod shell fragments; traces of hornblende, epidote.
- 20-30 Sand and Clay — gray; subequal amounts gray clay, and very-fine- to coarse-grained, poorly sorted, angular to subangular quartz sand; about 10% molluscan shell fragments; small amounts of carbonaceous material and muscovite; a very few foraminifera; clay is slightly to moderately diatomaceous.
- 30-40 Clay — gray, slightly sandy; sand fine- to medium-grained, well-sorted, subangular; a very few shell fragments; soft, waxy carbonaceous fragments and plant remains relatively abundant; trace of diatoms.
- 40-50 "
- 50-60 "
- 60-70 "
- 70-80 "
- 80-90 Clay and Shell — gray, moderately sandy; sand fine- to medium-grained, fairly well sorted, poorly rounded; about 30% shell debris - mostly pelecypods, with some gastropods and echinoid spines.
- 90-100 "
- 100-110 "
- 110-120 with a few foraminifers and ostracods.
- 120-130 with abundance of foraminifers and ostracods, and a trace of glauconite.
- 130-138 with abundance of foraminifers and ostracods, and considerable fresh glauconite.

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GEOLOGIC SUMMARY

ROCK UNIT

AGE

Yorktown Formation

Miocene

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
April 25, 1966