

OWNER: Camp Peary D-3
DRILLER: Va. Machinery & Well
COUNTY: York

W#: 0169
C#: 11
TOTAL DEPTH: 478'
QUAD.: Williamsburg

GEOLOGIC LOG

Depth
(feet)

- 0-370 No sample.
- 370-383 Sand — salt and pepper; medium to coarse grained, some granules; subangular to rounded; moderately sorted; 40% glauconite (black, brown); 30% sandy limestone and shell fragments; quartz (washed and floated only).
- 383-393 Sand — very dark green; medium grained, some coarse grains; rounded; well sorted; 85% glauconite; quartz; some sandy limestone and shell fragments (washed and float rejected only).
- 392-424 Sand — dark green; medium to coarse grained; subangular to rounded; moderately well sorted; 65% glauconite (green, black); quartz; few shell fragments; forams scarce (inc. Nodosaria). (float rejected only).
- 424-437 Sand — white; medium to coarse grained, few granules; subangular to subrounded; moderately well sorted; quartz; feldspar; 3% glauconite (washed and float rejected only).
- 437-445 No sample.
- 445-450 Sand — light dusky yellow; moderate clay (clasts); medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; feldspar; few grains of glauconite (washed and float rejected only).
- 450-457 Sand — white; medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; feldspar; some glauconite (washed and float rejected only).
- 457-475 No sample.
- 475-478 Sand — yellowish brown; abundant clay (clasts); medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; feldspar; 7% glauconite; forams rare (inc. Discorbis). (washed and float rejected only).

Logged by: Michael T. Currie

OWNER: Camp Peary D-3

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W#: 0169

GEOLOGIC SUMMARY

<u>Depth (feet)</u>	<u>Thickness (feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-370	370	No Sample	
370-424	54	Nanjemoy-Mattaponi Formation	Eocene-Cretaceous
424-478	54+	Patuxent Formation	Cretaceous

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
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