

OWNER : Fort Eustis (1950)
DRILLER:
COUNTY : Warwick

W# : 182
C# : 48
TOTAL DEPTH: ***
QUAD : Yorktown

GEOLOGIC LOG

Depth
(feet)

- 0-275 No sample.
- 275-280 Gravel- multicolored; 20% granules; subrounded; moderately well sorted; quartz; feldspar; 5% shell fragments; 3% ferricrete.
- 280-285 No sample.
- 285-290 Sand- off-white; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; 2% shell fragments; 2% glauconite; some black phosphatic material; few opaques; few fragments of ferricrete; garnet; forams (inc. Nonion, Bolivina, and Robulus).
- 290-295 As above except 3% shell fragments; few black phosphatic fragments.
- 295-300 As above plus few flakes of muscovite; Uvigerina.
- 300-305 Sand- off-white; medium to coarse grained, some fine grains, 5% granules, 3% pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; 5% glauconite (brown, black); 2% shell fragments; forams abundant (inc. Nonion, Uvigerina, Cibicides, Bulimina, Textularia, Bolivina, Globigerina, and Buccella); few black phosphatic fragments; few bone fragments.
- 305-310 As above except forams abundant (inc. Nonion, Uvigerina, Bulimina, Lagena?, Globigerina, and Siphogenerina); some feldspar.
- 310-315 As above except some pebbles; forams (inc. Bulimina, Dentalina, Guttulina, and Uvigerina).
- 315-320 As above except 5% pebbles; 5% shell fragments; forams common (inc. Nonion, Robulus, Uvigerina, Globigerina, Cibicides, and Bulimina); few fragments of ferricrete.

*** Samples combined from two adjacent holes, 620' and 550'.

Depth
(feet)

- 320-325 As above except 3% shell fragments; forams common (inc. Nonion, Siphogenerina, Robulus, Textularia, Nodosaria, Pyrulina, Bulimina, and Guttulina).
- 325-330 As above except forams common (inc. Nonion, Bulimina, Uvigerina, Cibicides, and Robulus).
- 330-335 No sample.
- 335-340 As above except forams common (inc. Uvigerina, Nonion, Globigerina, Bulimina, and Cibicides).
- 340-350 No sample.
- 350-355 Sand- salt and pepper; medium to coarse grained, some granules; subangular to rounded; moderately well sorted; quartz; 15% glauconite; some shell fragments; few grains of feldspar; few black phosphatic fragments; forams abundant (inc. Uvigerina, Nonion, Bulimina, Textularia, Robulus, Siphogenerina, Pyrulina, Nodosaria, and Dentalina).
- 355-360 As above except forams common (inc. Nonion, Uvigerina, Nodosaria, Textularia, and Dentalina).
- 360-365 Sand- off-white; coarse to very coarse grained, few granules; subrounded; moderately well sorted; quartz; 3% glauconite; feldspar; some shell fragments; few grains of garnet; forams (inc. Uvigerina, Bulimina, Nonion, and Robulus).
- 365-370 As above except medium to coarse grained; 7% glauconite; forams (inc. Uvigerina, Nodosaria, Textularia, and Globigerina); few grains of pyrite.
- 370-375 As above except forams (inc. Robulus and Nodosaria).
- 375-380 As above except 10% glauconite; few shell fragments; forams (inc. Robulus, Nonion, Cibicides, and Nodosaria).
- 380-385 Sand- off-white; coarse grained; subrounded; well sorted; quartz; feldspar; some glauconite; some garnet; few grains of pyrite; forams scarce (inc. Siphogenerina and Buccella?).
- 385-390 As above plus few flakes of muscovite; forams scarce.
- 390-395 As above except no forams.

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W#: 182

Depth
(feet)

395-400 As above except 2% glauconite; forams (inc. Bulimina and Nonion?).

400-405 As above except some glauconite; forams scarce (inc. Robulus).

405-620 No sample.

Note: All samples are washed.

Logged by: Michael T. Currie
July 12, 1979