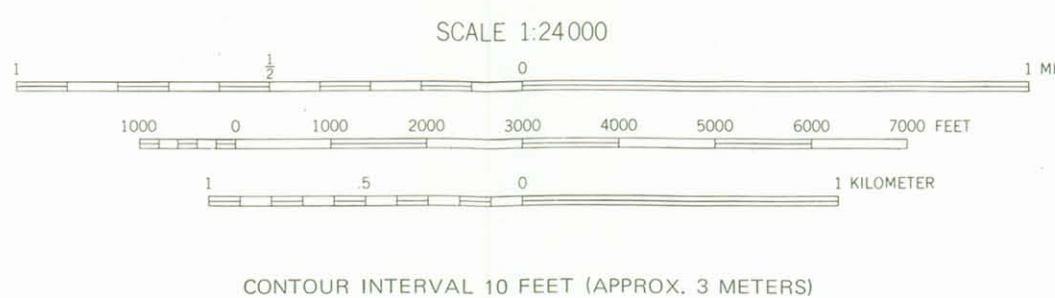


by
Thomas E. Pickett and Richard N. Bensor
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Geological Column Diagram

Vertical Scale (Left): Quaternary, Paleozoic, Mesozoic, Cenozoic, Precambrian.

Geological Column (Right):

- Quaternary:**
 - Tidal Marsh:** (thickness contour in feet) (Richer, 1974). Organic-rich silt, clay and fine sands. Deposited in tidal marshes.
 - Columbia Formation:** (thickness contour in feet). Reddish-orange brown to tan, medium to coarse sand and minor gravel.
 - Pinyon Point Formation:** Greenish, fine to coarse, glauconitic sand and sandy silt.
 - Pamunkey Formation:** Greenish to dark gray, glauconitic silt and clay with minor fine sand.
 - Vincent Formation:** Greenish-gray, very fine to medium, glauconitic sand.
- Proterozoic:**
 - Upper Precambrian:**
 - Wardville:** Sandy silt.
 - Stucco sandstone:** Sandy silt.
 - Lower Precambrian:**
 - Wardville:** Sandy silt.
 - Stucco sandstone:** Sandy silt.

Legend:

- Geologic contact (dashed where uncalibrated):** Dashed line with a small circle at the end.
- Scale:** 0m, 20m, 40m.
- Rock Types:**
 - Silt:** Tc (Tan color)
 - Sand:** Ts (Tan color)
 - Gravel:** G (Gray color)

SYMBOLS

- Geologic contact (dashed where concealed)
- nm Usable benchmark (Elevations available from DGS)
- × Microfossils collected from outcrop
- ⊗ Sand pit, active and inactive