GEOLOGIC AND TOPOGRAPHIC MAP OF
FLORIDA

Scale 1:500,000

10 0 10 20 30 40 50 60 70 Miles

10 0 10 20 30 40 50 60 70 Kilometers

Contour interval 50 feet
1915

Geology and contours by G. C. Matson, F. G. Clapp, and Samuel Sanford,
under the direction of Thomas Wayland Vaughan, in cooperation with
the Florida Geological Survey
Base map by U. S. Geological Survey

LEGEND

QUATERNARY

Pleistocene

- Undifferentiated Tertiary covered by Pleistocene and Recent, and including some Pliocene in western Florida (*Sand, clay, marl, coquina, limestone, peat, muck, etc.*)
- Key Largo limestone (*Coralline limestone reef rock*)
- Lostmans River limestone (*Dark to light crystalline to friable limestone, sandy in places*)
- Key West oolite (*White oolitic limestone*)
- Miami oolite (*White oolitic limestone, with sandy beds*)
- Palm Beach limestone (*Light-colored hard to friable limestone with loose sand*)

TERTIARY

Pliocene

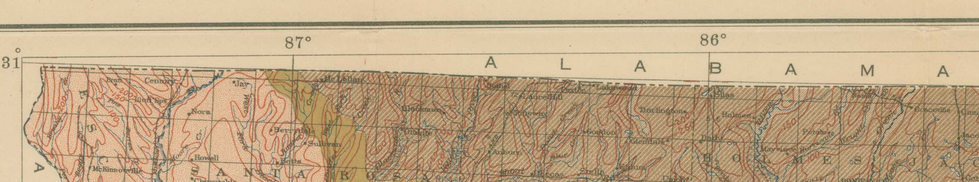
- Caloosahatchee marl (*Light-colored sandy shell marl*)
- Nashua marl (*Light-colored sandy shell marl*)
- Bone Valley gravel (*Light-colored gravel and marl containing phosphatic pebbles*)
- Alachua clay (*Greenish sandy clay weathering red or yellow*)

Miocene

- Choctawhatchee marl and Jacksonville formation (*Greenish to light-gray sandy shell marl, greenish-gray clay, and yellow to gray limestones, sands, and clays*)

Oligocene

- Apalachicola group (*Light-gray to yellow siliceous and cherty limestones, sands, sandy clays, and fuller's earth*)
- Vicksburg group (*Soft porous light-gray to white limestone, containing marl beds and layers of chert*)



Vertical scale, 1 to 10,000
Horizontal scale, 1 to 1,000,000

SECTION ACROSS THE PENINSULA OF FLORIDA IN THE LATITUDE OF DAYTONA AND OCALA

WESTERN PORTION OF FLORIDA
SAME SCALE AS MAIN MAP

ENGRAVED AND PRINTED BY THE U.S.GEOLOGICAL SURVEY