

Jonathan P. Stevenson
Secretary

OPEN-FILE MAP SERIES 108, Plate 2
GEOLOGIC CROSS-SECTIONS FOR THE USGS JACKSONVILLE
30 X 60 MINUTE QUADRANGLE, NORTHEAST FLORIDA
2016
BY
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Figure 1. Location of cross-sections on geologic map.

Scale = 1:180,000

Projection: NAD 1983 HARN Florida GDI, Albers (Meters)
Horizontal Datum: North American Datum 1983 HARN (NAD83 HARN)
Vertical Datum: North American Vertical Datum 1988 (NAV88)

C WEST C' EAST

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

D NORTH D' SOUTH

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

Figure 2. Correlation of stratigraphic units.

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

Legend

Map Units

- Quaternary Beach Ridge and Dune (Qbd)
- Undifferentiated Quaternary Sediments (Qu)
- Quaternary Trail Ridge Sands (Qtr)
- Undifferentiated Tertiary/Quaternary Shelly Sediments (TQsu)
- Cypresshead Formation (TQc)
- Hawthorn Group, Coonawatchie Formation, Charlton Member (Thec)
- Hawthorn Group, Coonawatchie Formation (Thmh)
- Hawthorn Group, Marks Head Formation (Thmf)
- Hawthorn Group, Penny Farms Formation (Thpf)
- Ocala Limestone (To)
- Avon Park Formation (Tap)

Cross-Sections

- Core
- Cuttings
- Cross-section line
- City/town
- County boundary
- USGS 1:24,000 Quadrangle
- Bathymetry (2m)
- Index
- Intermediate
- Contact
- Inferred contact
- TD Total depth
- BLS Below land surface
- Roads

Cross-Sections Legend

- Sample interval in feet
- Variable sample interval
- Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

1:24,000 QUADRANGLE GRID

NOTE: Geologic map and geologic cross-sections may appear to disagree slightly when depicting the upper unit due to the convention of not portraying undifferentiated sediments on the geologic map unless they are thicker than 20 feet (6.1 meters), whereas cross-sections will show all undifferentiated sediments thickness. Additionally, cross-section contacts are based on straight-line projection between wells, which can lead to apparent thicknesses between wells on the cross-section that are not supported by field evidence or other wells. For more information or to order maps contact Librarian:

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3000 Commonwealth Blvd., Suite 1
Tallahassee, FL 32303
850/417-3316
<http://www.dep.state.fl.us/geology/statemap.html>

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A WEST A' EAST

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

B WEST B' EAST

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

E NORTH E' SOUTH

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

F NORTH F' SOUTH

Scale: 0 0.5 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS
VERTICAL EXAGGERATION = 100 TIMES HORIZONTAL SCALE

Figure 3. Selected sample photos

Location: T2S, R24E, S16W 1/4 of NW 1/4

Location: T2S, R24E, S16W 1/4 of NW 1/4

Location: T2S, R24E, S16W 1/4 of NW 1/4

Location: T2S, R24E, S16W 1/4 of NW 1/4

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