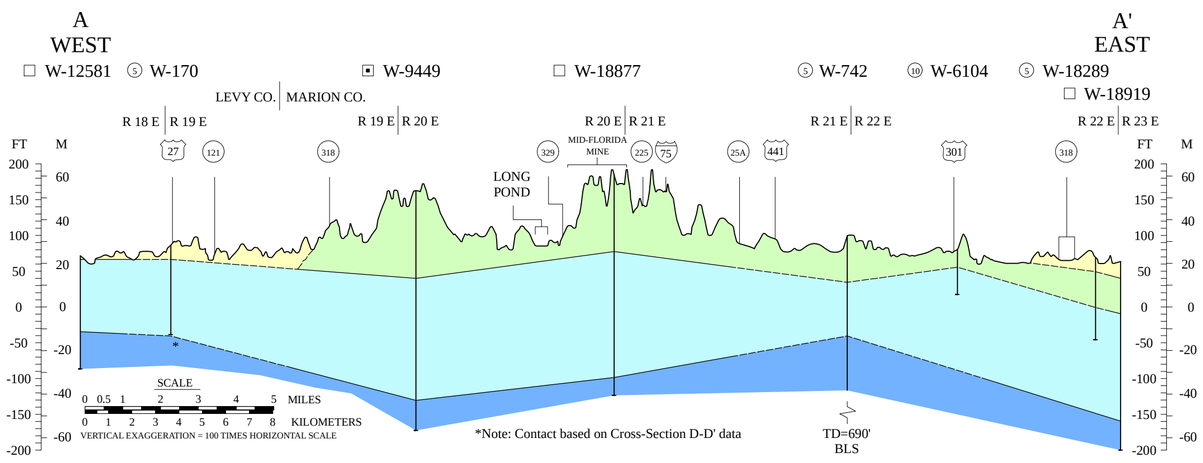
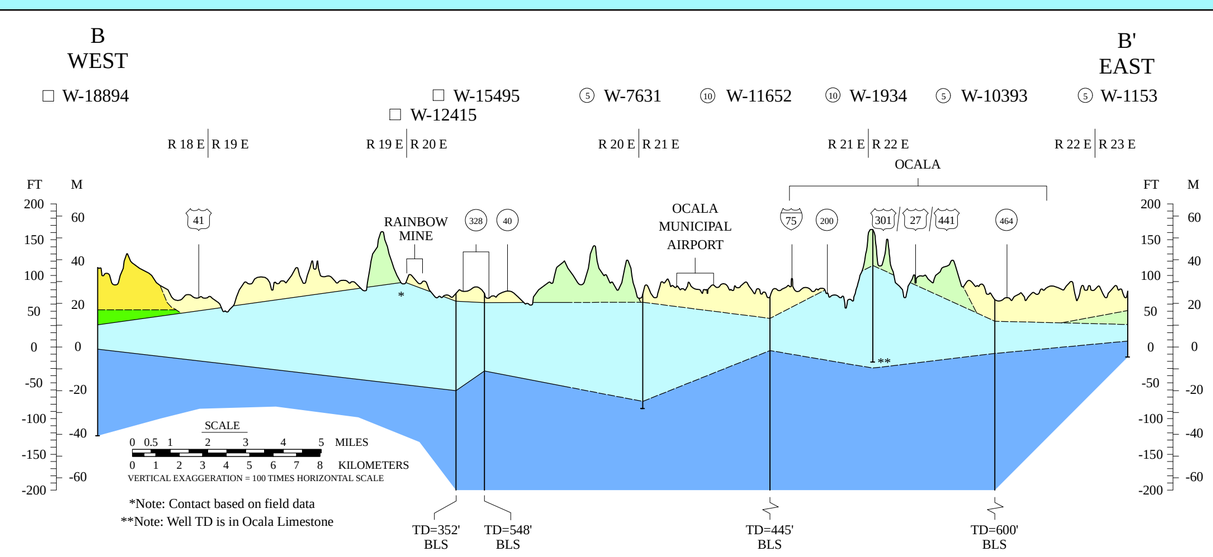
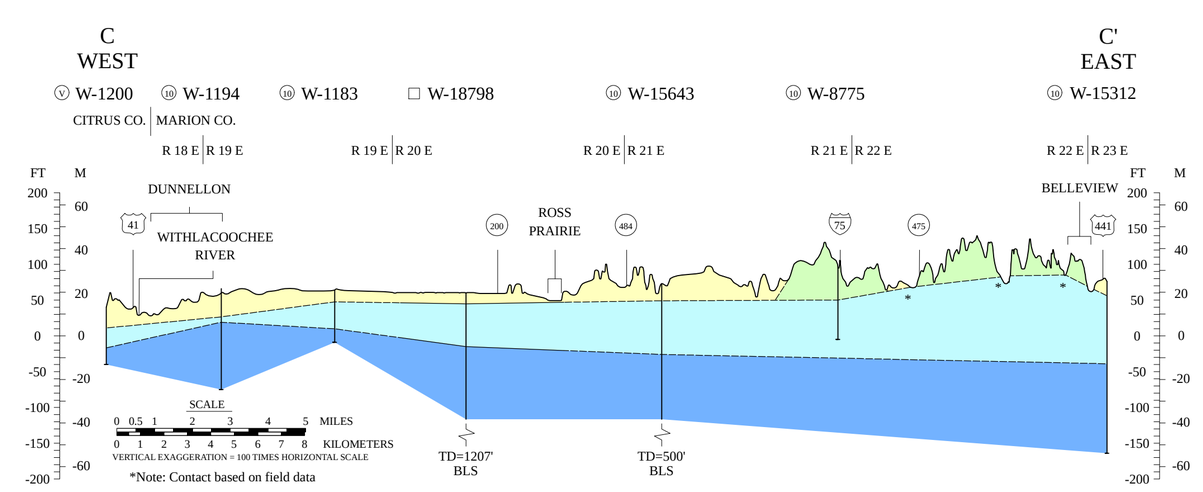
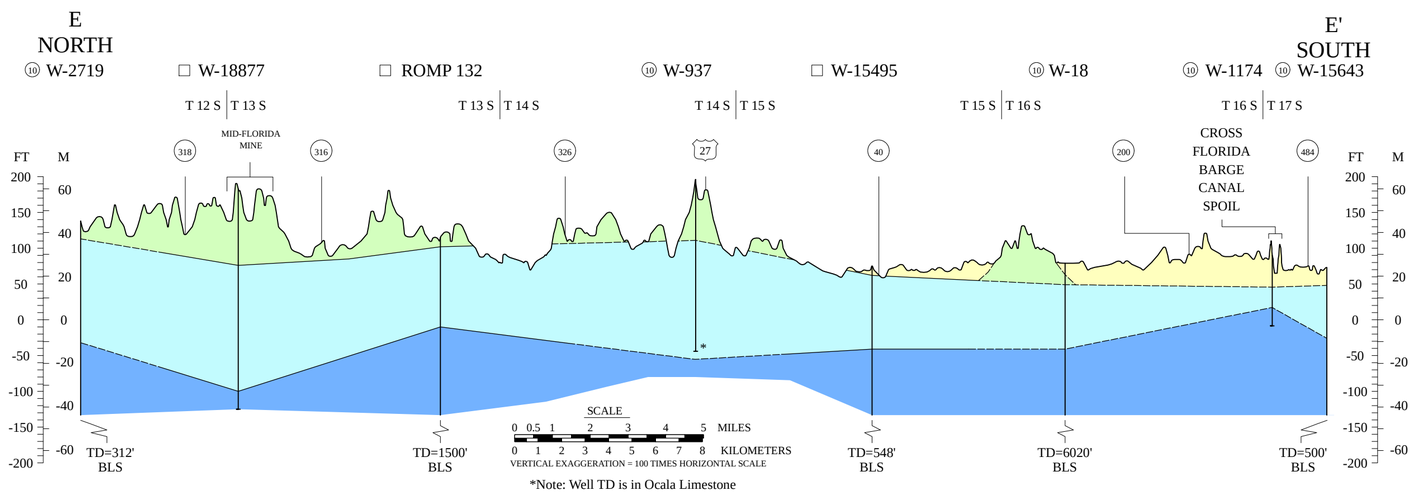
This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program

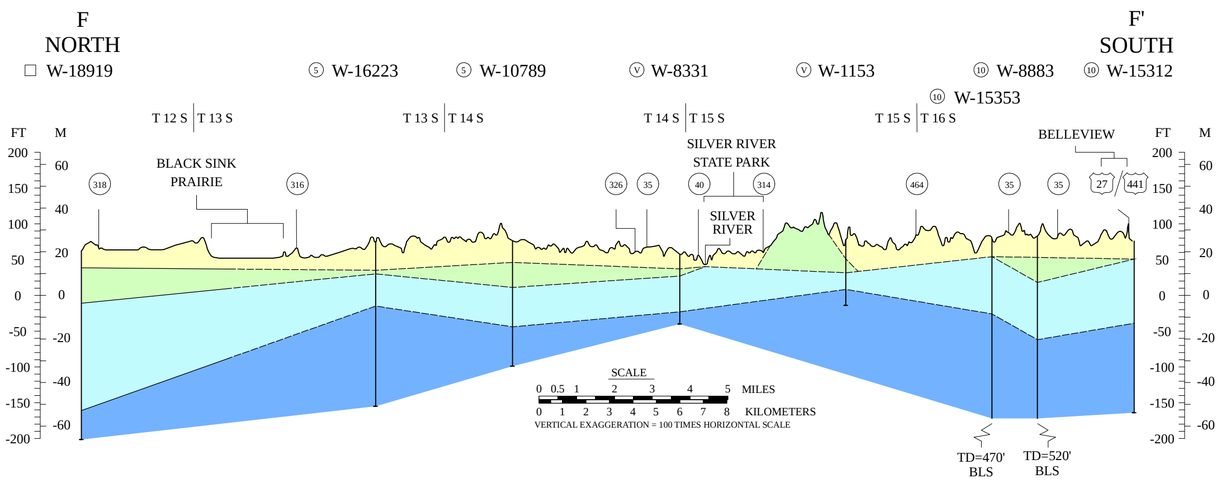












OPEN-FILE MAP SERIES 100, Plate 2

GEOLOGIC CROSS-SECTIONS FOR THE EASTERN PORTION OF THE USGS OCALA 30 X 60 MINUTE QUADRANGLE, NORTH-CENTRAL FLORIDA

2009

BY

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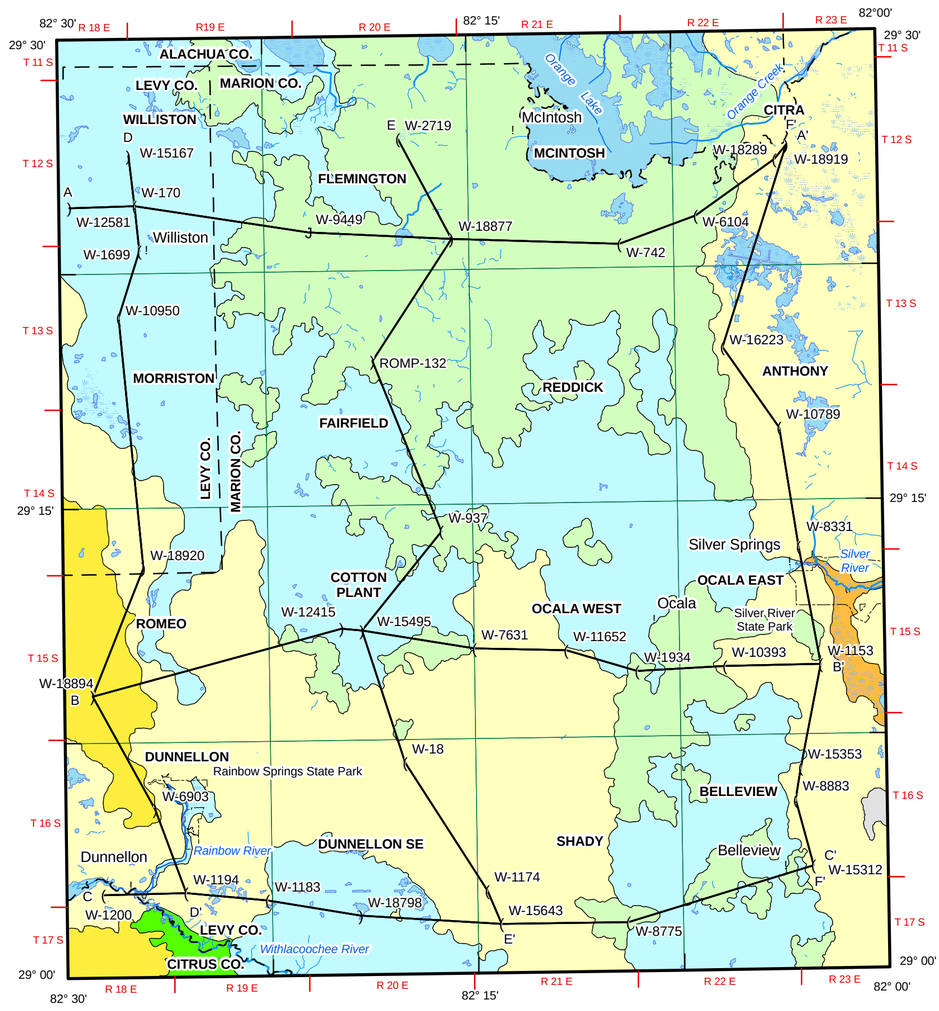
Michael W. Sole
Secretary

Jonathan D. Arthur
State Geologist and Director

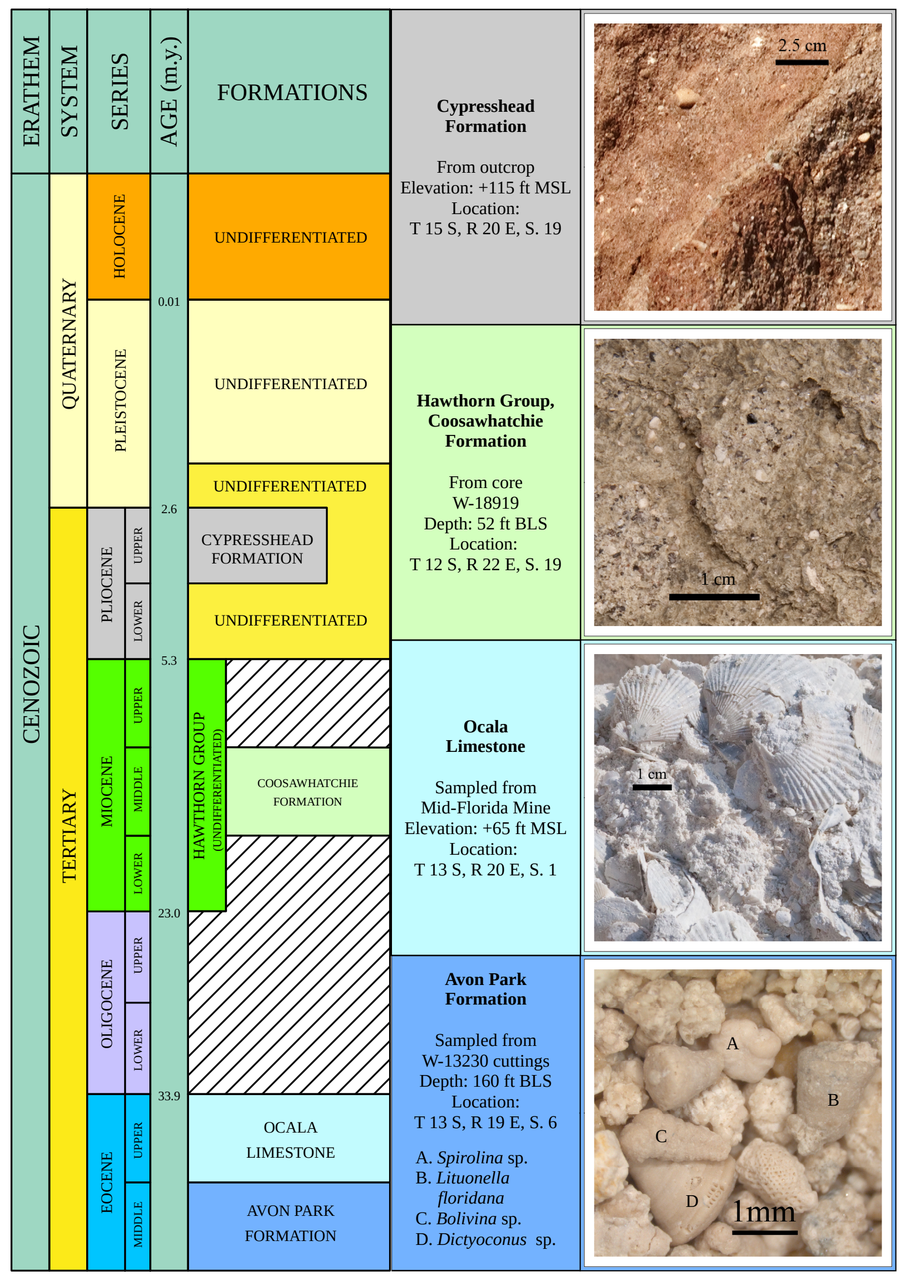
Figure 1. Location of Cross-sections on Geologic Map.



Legend

- Holocene sediments
- Undifferentiated Quaternary sediments
- Undifferentiated Tertiary / Quaternary sediments
- Cypresshead Formation
- Hawthorn Group, Undifferentiated
- Hawthorn Group, Coosawhatchie Formation
- Ocala Limestone
- Avon Park Formation
- Interstate
- Primary / Secondary road
- Core
- Core Chips
- Cuttings
- Variable Sample Interval
- Sample Interval in Feet
- BLS Below Land Surface
- MSL Mean Sea Level
- TD Total Depth
- Contact
- Inferred Contact
- Cross-section Line
- County Boundary
- City
- 7.5 Minute Quadrangle
- State Park Boundary
- River or Stream
- Marsh
- Water body

Figure 2. Correlation of Stratigraphic Units.



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 thicknesses. 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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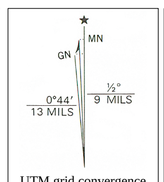
http://www.dep.state.fl.us/geology/statemap/

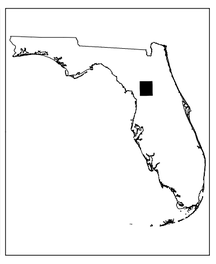


UTM grid convergence (GN) and 1978 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Cross City
2 Gainesville
3 Saint Augustine
4 Cedar Keys
5 Daytona Beach
6
7 Inverness
8 Orlando



This map was created using FDEP databases and data obtained from the Florida Geological Survey. It was completed August 31, 2009, by the Florida Department of Environmental Protection, Florida Geological Survey, Geological Investigations Section. This document was prepared for the presentation of the geologic information shown and is not intended to replace site-specific or use-specific investigations. The Florida Geological Survey does not guarantee this document to be free from errors or inaccuracies and disclaims any responsibility or liability for inappropriate change of scale, interpretations, or decisions based thereon. Cooperatively funded by the Florida Geological Survey and the U.S. Geological Survey, National Cooperative Geologic Mapping Program, under USGS assistance award number 08HQPA0003. The views and conclusions in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U.S. Government.

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