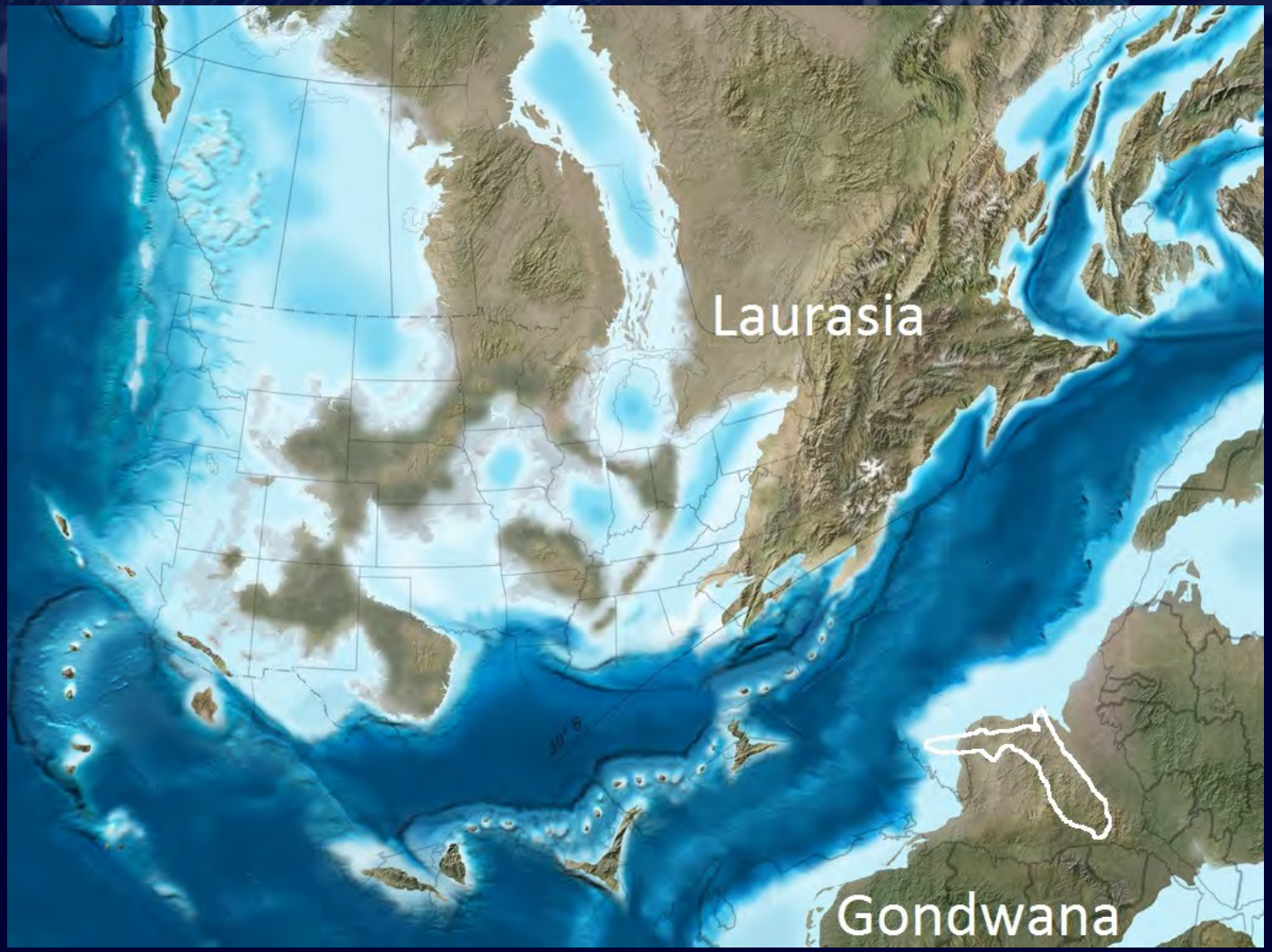
Geology, Lithology and Dredging in Florida

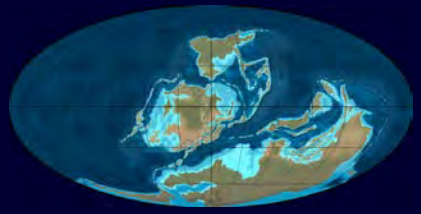
Presented by: William J. Wetta, P.E.

DSC Dredge LLC

Geologic Formation of Florida



Late Devonian Period 375 million years ago



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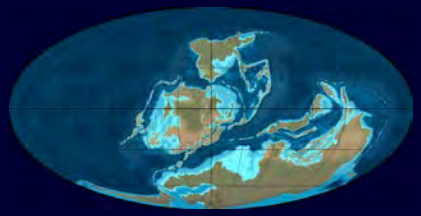
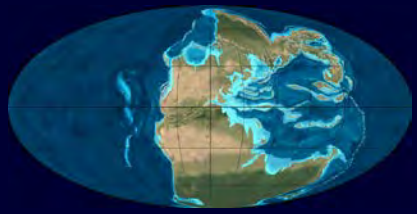


Geologic Formation of Florida

Early Triassic Period 245 million years ago



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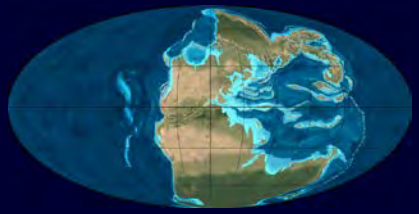
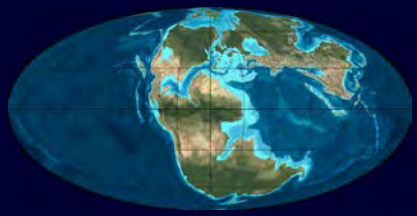


Geologic Formation of Florida

Middle Jurassic Period 170 million years ago



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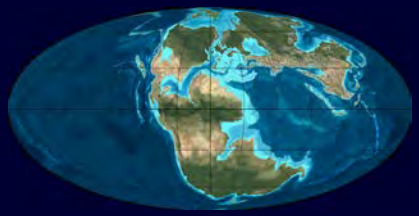
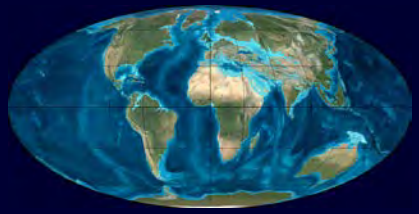
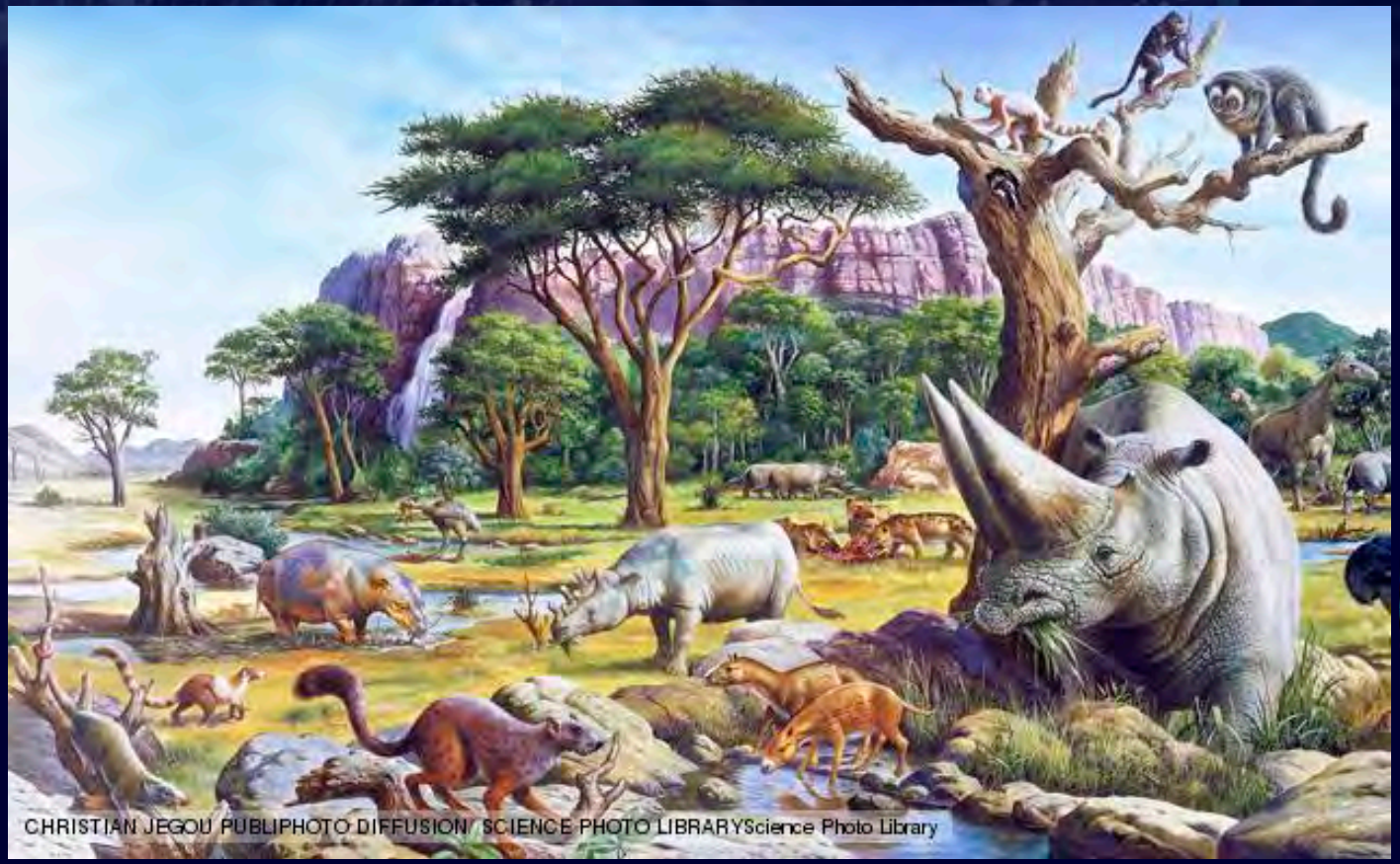


Geologic Formation of Florida

Middle Tertiary Period 35 million years ago



Geologic Formation of Florida



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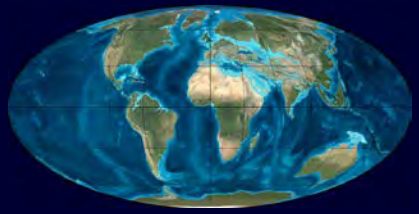

Lithology of Modern Florida

- Limestone
- Dolostone
- Chert
- Coquina
- Clay
- Sand
- Ilmenite
- Staurolite
- Rutile
- Zircon
- Phosphate Rock

Lithology of Modern Florida

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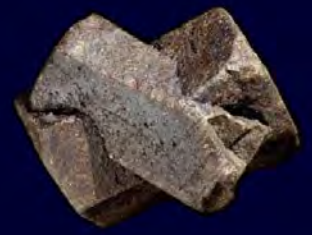

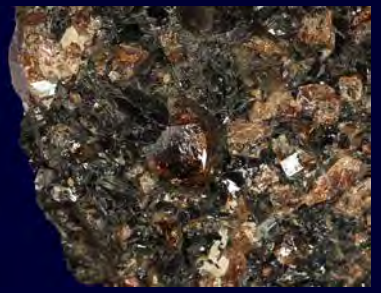

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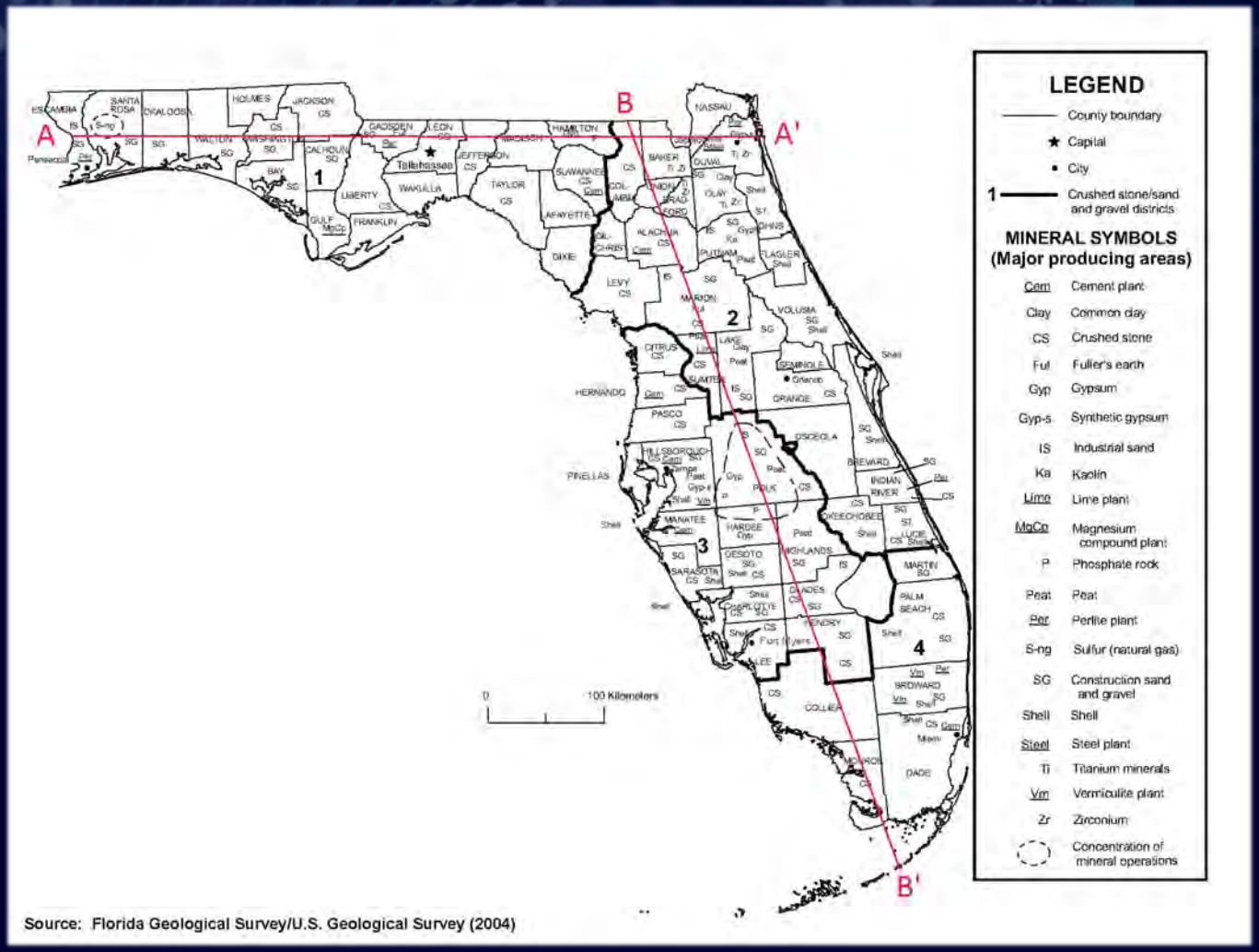
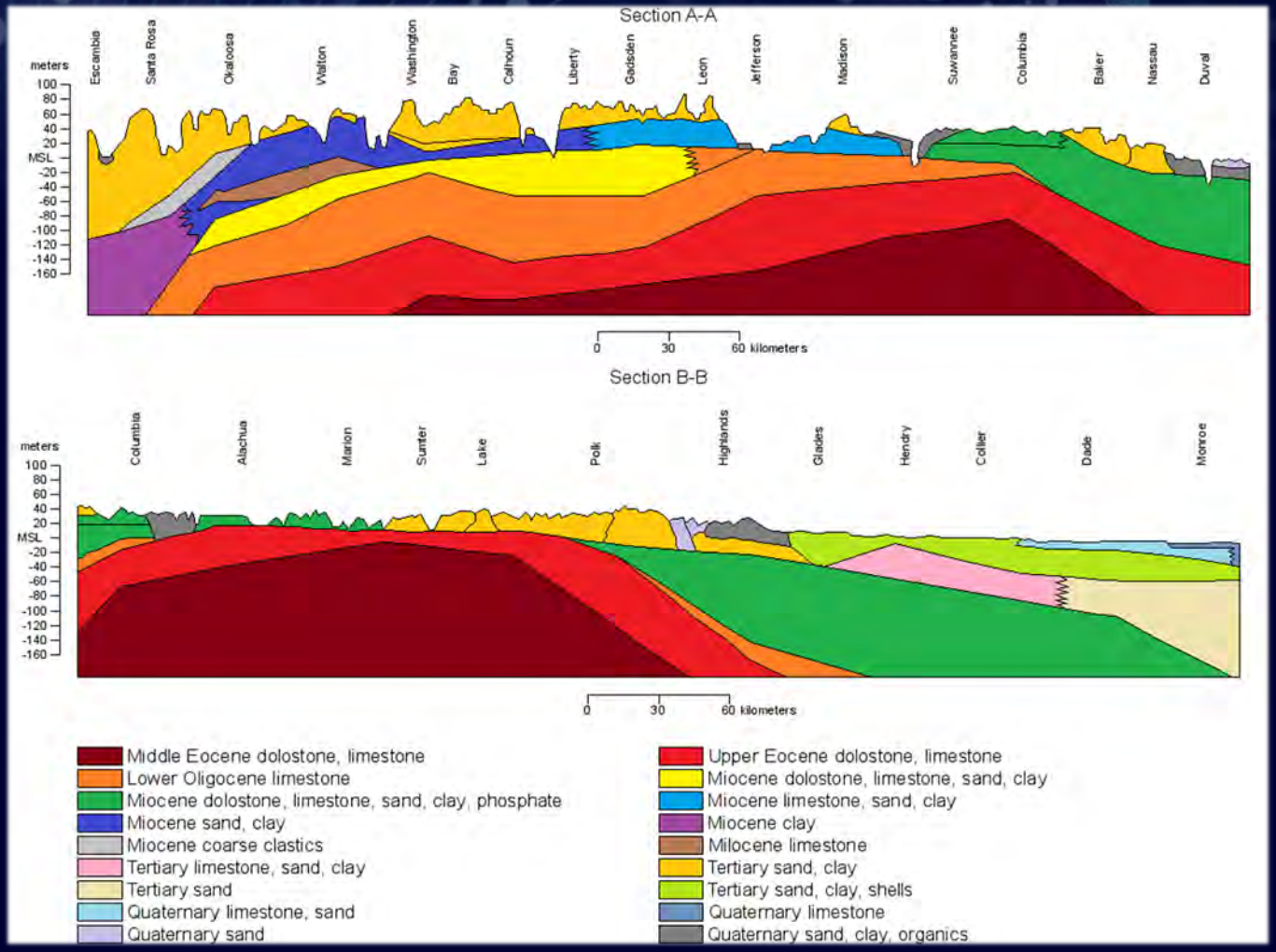


Source: Florida Geological Survey/U.S. Geological Survey (2004)

Lithology of Modern Florida



Dredging in Florida

Dredging for Mineral Sands

Dredging in Florida

Dredging for Navigation

WEDA WESTERN DREDGING ASSOCIATION

Dredging in Florida

Dredging for Recreation

Dredging in Florida

Dredging for the Environment

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Any Questions?

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