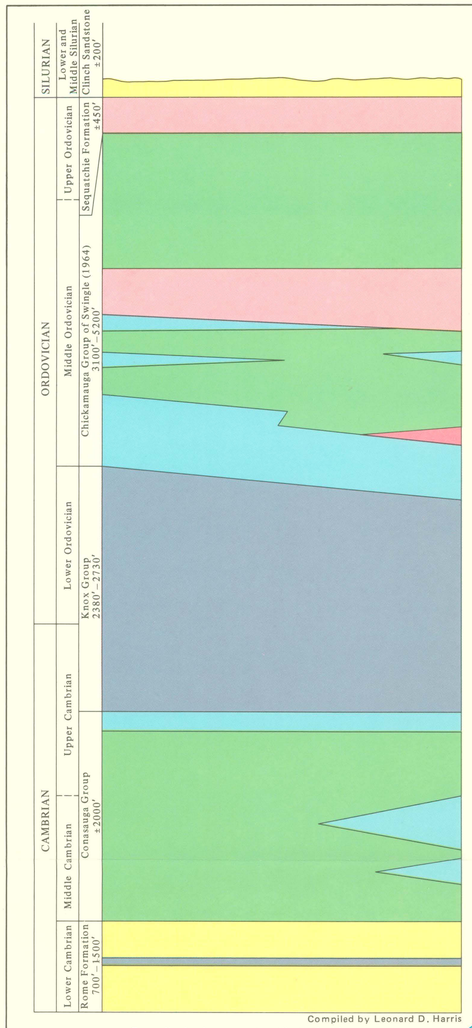


Compiled by Leonard D. Harris

Generalized columnar section illustrating the type, range in thickness, and succession (oldest at bottom, youngest at top) of rocks exposed at the surface, in Knox County

EXPLANATION

- Limestone
- Dolomite
- Calcareous sandstone
- Calcareous siltstone, with subordinate shale and limestone
- Shale, with subordinate limestone and siltstone
- Sandstone with subordinate shale

GLOSSARY

LIMESTONE – A rock composed chiefly of calcium carbonate ($CaCO_3$)

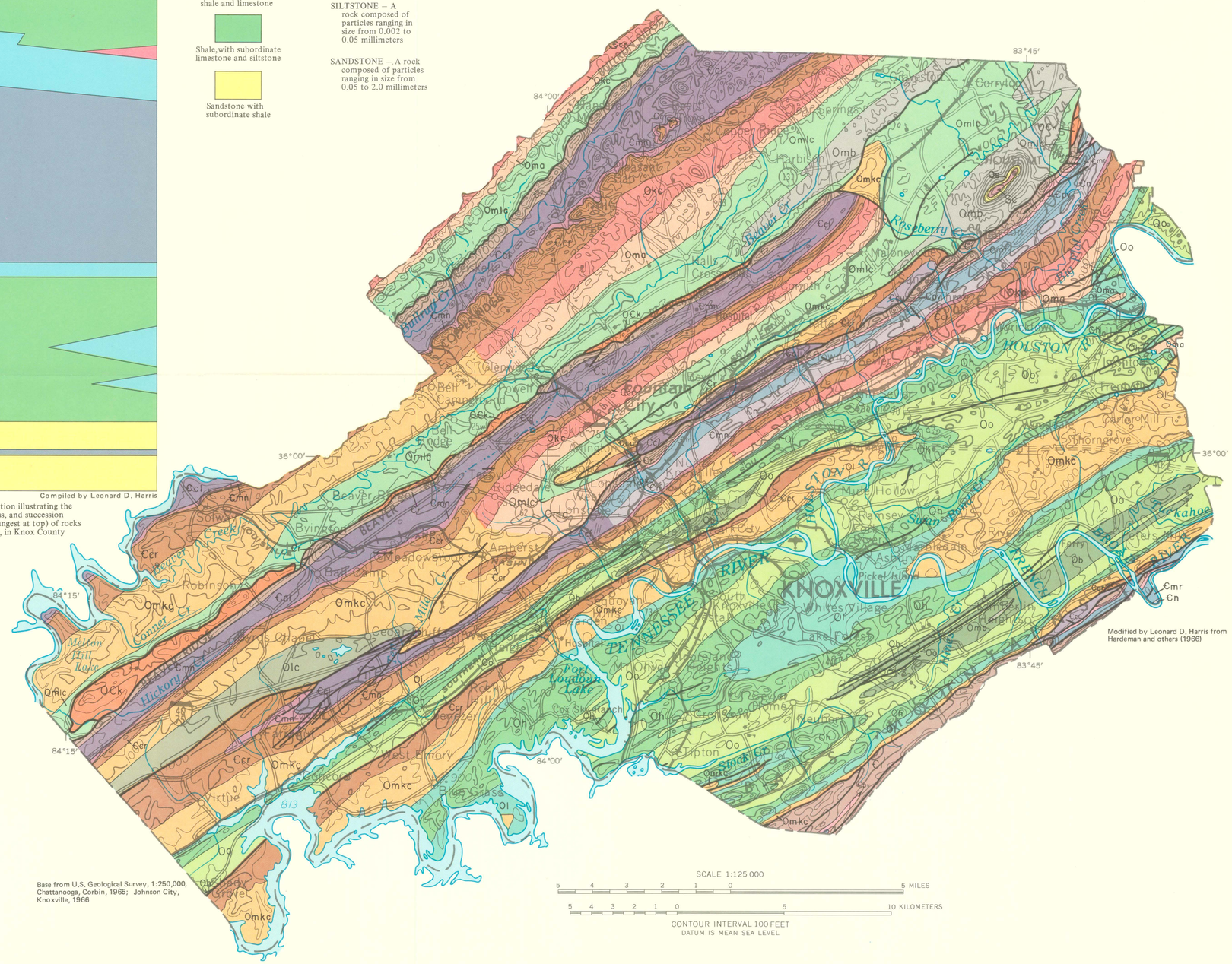
DOLOMITE – A rock composed chiefly of calcium magnesium carbonate [$CaMg(CO_3)_2$]

CALCAREOUS – A rock containing some calcium carbonate

SHALE – A rock composed of particles less than 0.002 millimeters in size

SILTSTONE – A rock composed of particles ranging in size from 0.002 to 0.05 millimeters

SANDSTONE – A rock composed of particles ranging in size from 0.05 to 2.0 millimeters


KNOXVILLE
HOLSTON RIVER
TENNESSEE RIVER
Fort Loudoun Lake
Knoxville
Corryton
Farragut
Powell
Karns
Halls
Strawberry Plains
Mascot
Rutledge
Ridgedale
Bearden
Sharps Chapel
Lake Forest
Pickel Island
Whites Village
Mt Olivet
Fountain City
Blue Grass
West Emory
Virtue
Colonial Heights
Meadowbrook
Ball Camp
Robinson
Solway
Byington
Amherst
Cedar Bluff
Cox Sharpshooter
Tipton
Sharps Ridge
Riverdale
Ashley Heights
Cherrybrook
Thorngrove
Carter Mill
Mud Hollow
Ramsey
Ebenezer
Hickory Creek
Beaver Creek
Conner Cr
Mill Cr
Beaver Ridge
Bearden Cr
Ruth Cr
Sugar Cr
Stock Cr
Flat Cr
Fourmile Cr
Sinking Cr
Turkey Cr
Lyons Cr
Ten Mile Cr
Fox Cr
Ball Camp Cr
Williams Cr
Ten Mile Cr
Stock Cr
Sugar Cr
Flat Cr
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