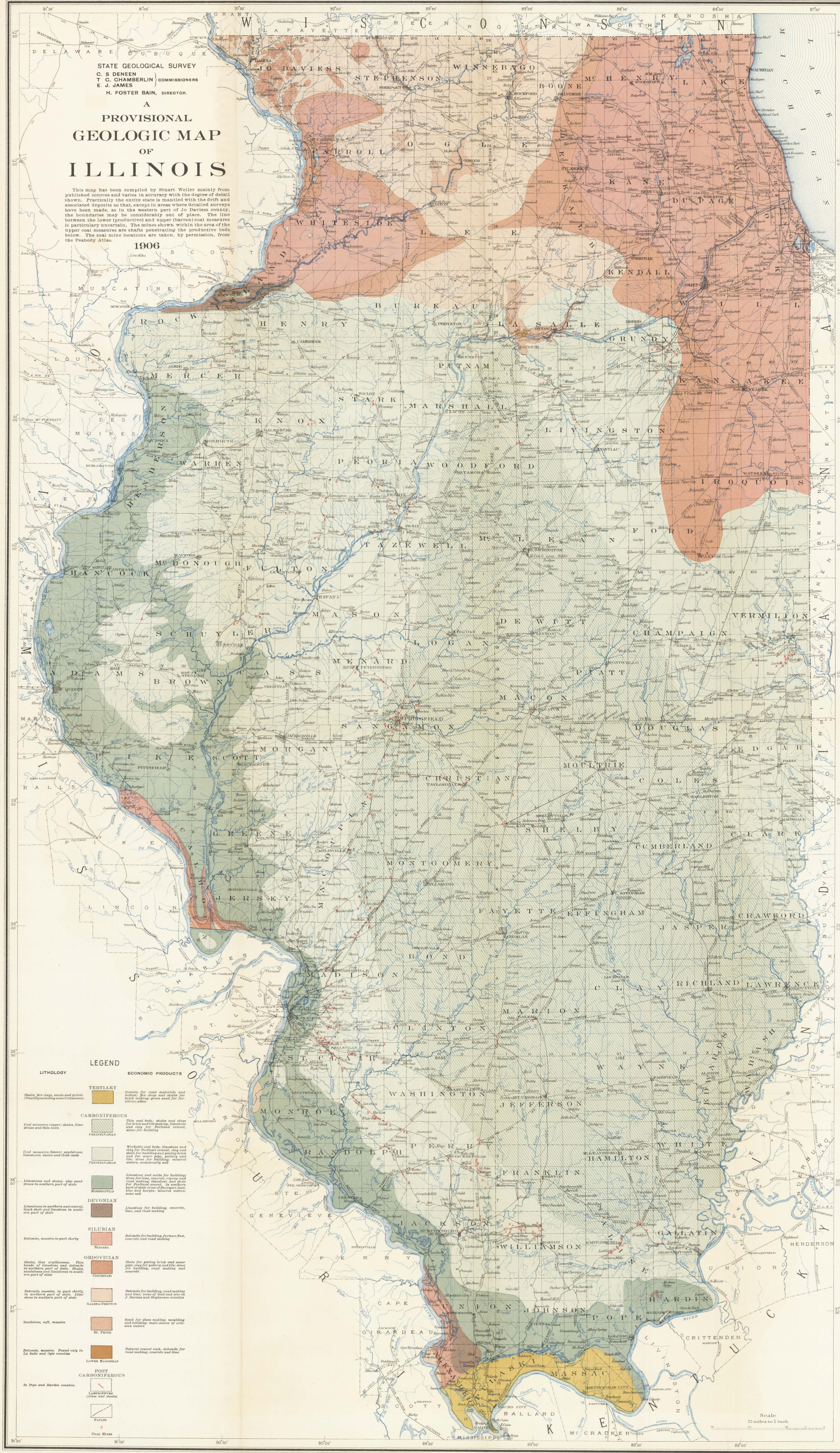




STATE GEOLOGICAL SURVEY
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A
PROVISIONAL
GEOLOGIC MAP
OF
ILLINOIS

This map has been compiled by Stuart Weller mainly from published sources and varies in accuracy with the degree of detail shown. Practically the entire state is mantled with the drift and associated deposits so that, except in areas where detailed surveys have been made, as in the western part of Jo Daviess county, the boundaries may be considerably out of place. The line between the lower (productive) and upper (barren) coal measures is particularly uncertain. The mines shown within the area of the upper coal measures are shafts penetrating the productive beds below. The coal mine locations are taken, by permission, from the Peabody Atlas.

1906

LEGEND

LITHOLOGY

TERTIARY

Shales, fine clay, sand and gravel. (Includes unconsolidated sand and gravel.)

CARBONIFEROUS

Coal measures (upper): shales, limestone and thin coals.

Coal measures (lower): sandstone, limestone, shale and thin coals.

PENNSYLVANIAN

Workable coal beds; limestone and clay for Portland cement, and clay for Portland cement, sand for building, mineral water, occasionally oil.

DEVONIAN

Limestone and shale for building, concrete, lime, and road making.

SILURIAN

Dolomite for building, furnace flux, concrete and road making.

ORDOVICIAN

Shale for pottery and the sand for building, road making and concrete.

Dolomite, massive, in part cherty, in northern part of state; limestone in southern part of state.

Sandstone, soft, massive.

Dolomite, massive, found only in La Salle and Ogle counties.

In Pope and Hardin counties.

POST CARBONIFEROUS

LAMPROLITE (green and blue)

FACIES

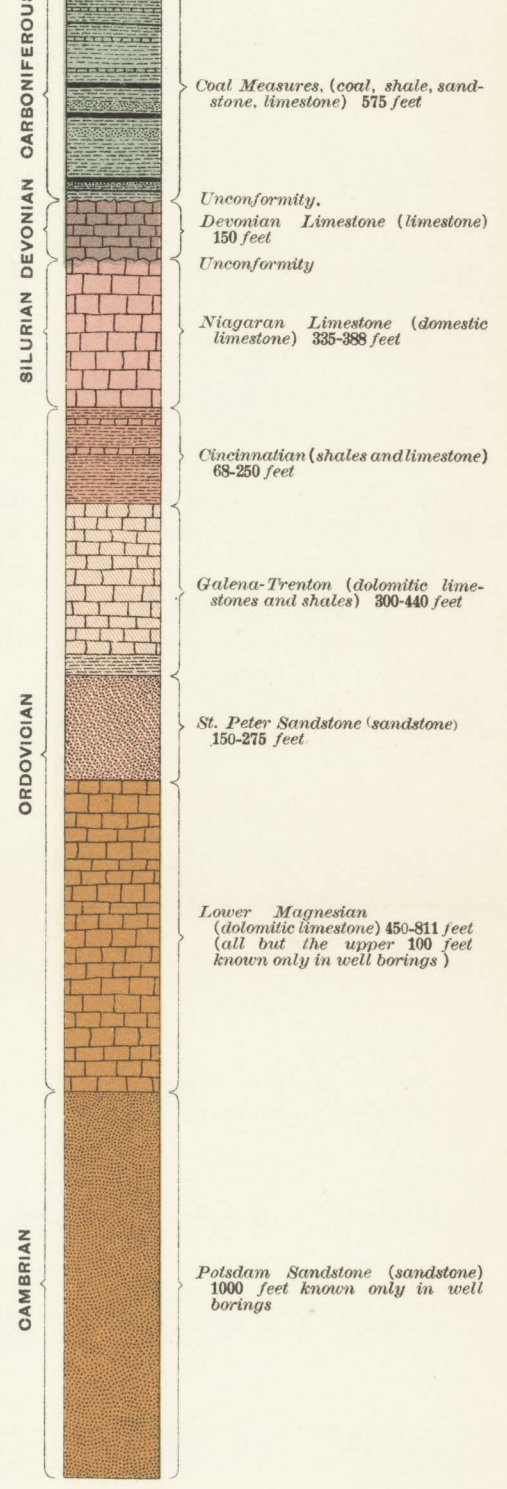
COAL MINES

COLUMNAR SECTIONS

NORTHERN ILLINOIS

For the area lying north of a line extending from Rock Island eastward through La Salle to Indiana boundary.

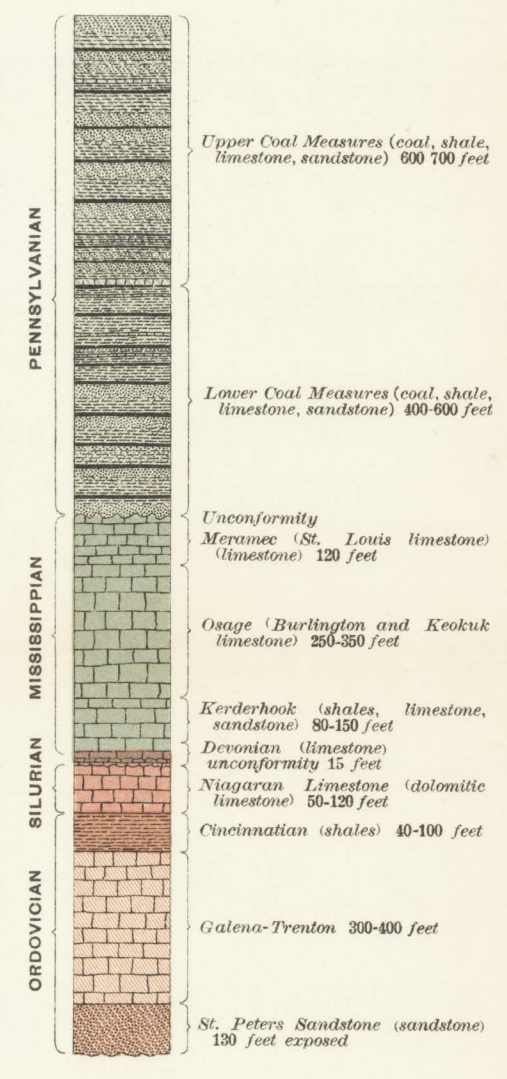
Vertical Scale: 1 inch = 250 feet



CENTRAL ILLINOIS

For the area lying between a line running east from Rock Island through La Salle to the Indiana state boundary, and a line running east from the mouth of the Missouri River to the Indiana state boundary.

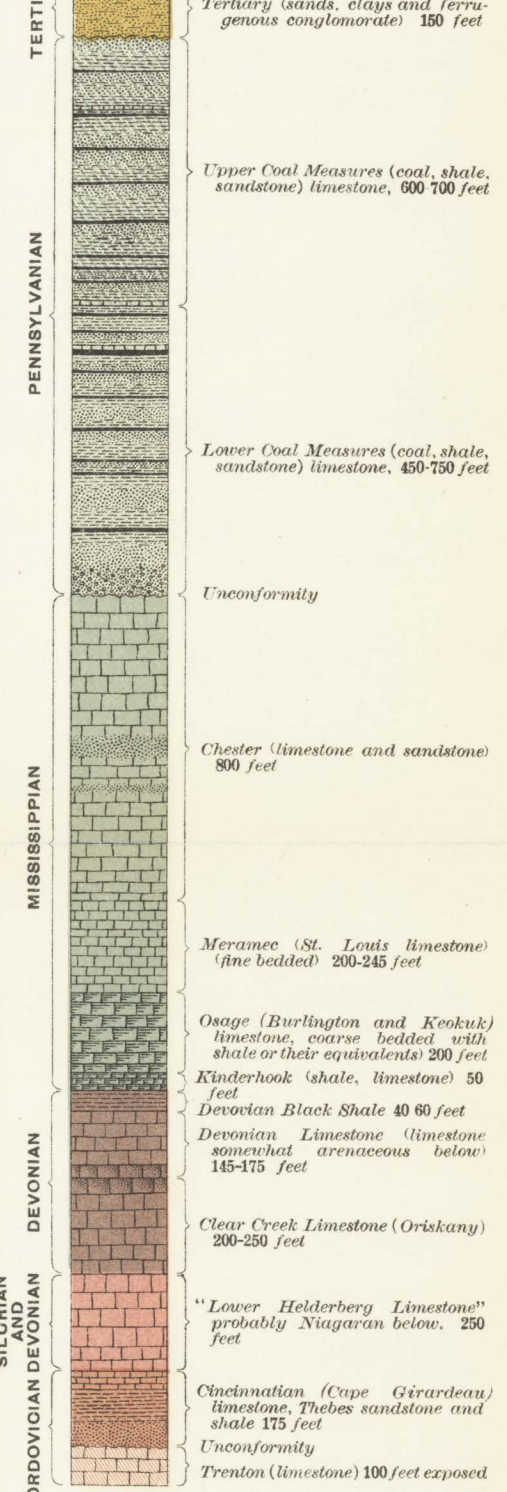
Vertical Scale: 1 inch = 250 feet



SOUTHERN ILLINOIS

For the area lying south of a line drawn eastward from the mouth of the Missouri River to the Indiana boundary.

Vertical Scale: 1 inch = 250 feet



Scale
12 miles to 1 inch