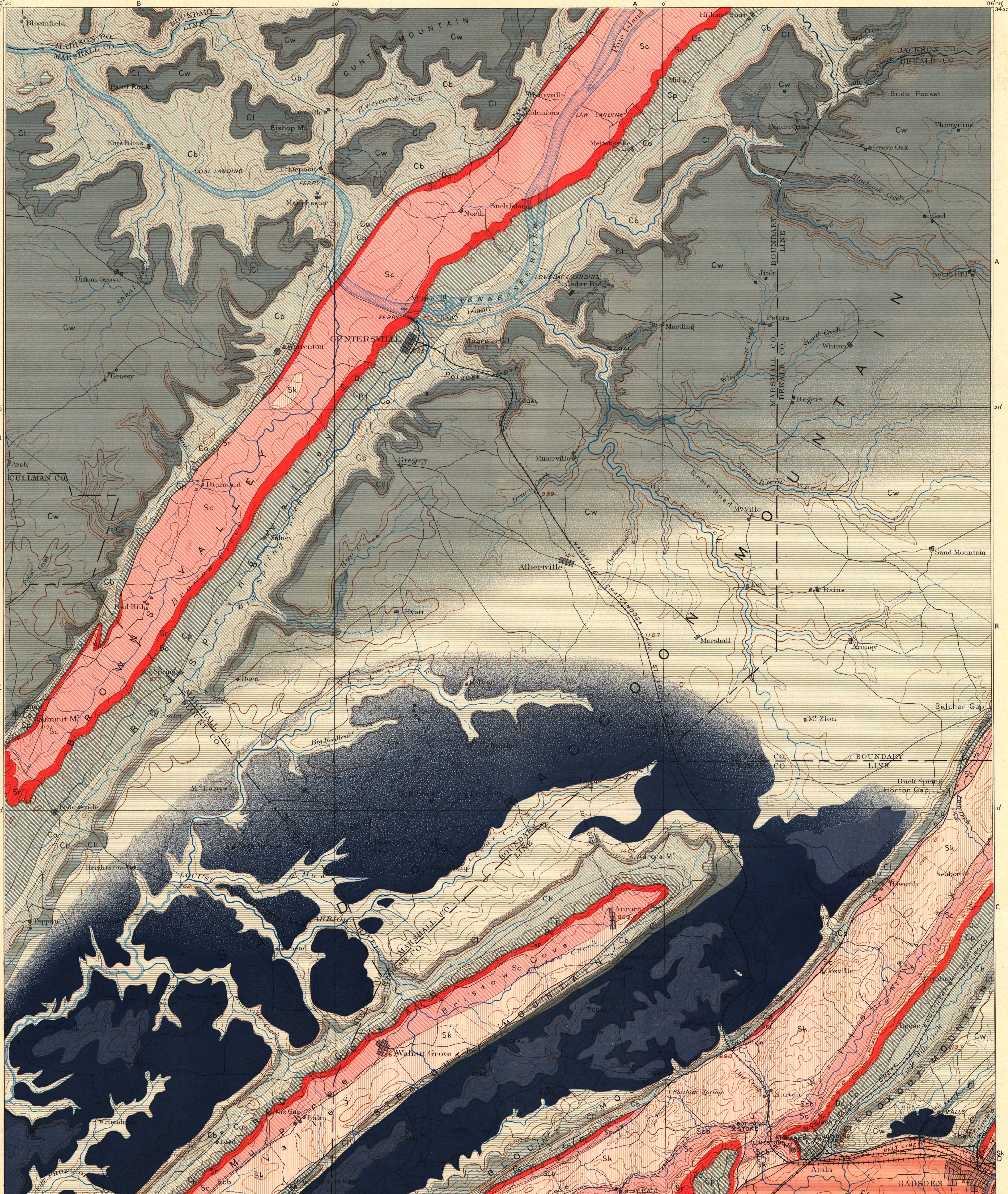
ECONOMIC GEOLOGY

ALABAMA
GADSDEN SHEET



LEGEND

SEDIMENTARY ROCKS

(Areas of Sedimentary rocks are shown by patterns of parallel lines.)

CARBONIFEROUS

Cw — Walden sandstone *(coarse sandstone and sandy shale with beds of coal, usually workable in Lookout Mt.)*

Cl — Lookout sandstone *(conglomerate and massive sandstone, and shale with beds of coal, two or three locally workable)*

Cb — Bangor limestone *(massive blue crinoidal limestone sometimes shaly toward the top)*

Co — Oxmoor sandstone *(coarse white or yellow friable sandstone)*

Cp — Fort Payne chert *(cherty limestone and massively bedded chert)*

DEVONIAN

Dc — Chattanooga black shale *(carbonaceous shale)*

SILURIAN

Sr — Rockwood formation *(calcareous sandy, and clay shales with beds of red fossil ore generally workable)*

Sc, Scb — Chickamauga limestone *(blue flaggy limestone, at some places containing a bed of chert breccia at the base)*

CAMBRIAN

Sk — Knox dolomite *(gray magnesian limestone granular and massively bedded; contains chert)*

Cc — Conasauga shale *(greenish clay-shale with beds of limestone)*

Faults

Sections

⚒ Mines and quarries
X Coal prospect pits

Probably productive areas

Area probably containing the uppermost coal beds above the Lookout sandstone.

Area probably containing the lower coal beds directly above the Lookout sandstone

Area probably containing coal beds below the Lookout sandstone

Areas within which red fossil iron ore may occur

Henry Gannett, Chief Geographer.
Gilbert Thompson, Geographer in charge.
Triangulation by the U.S. Coast and Geodetic Survey.
Topography by Louis Nell.
Surveyed in 1885.

Scale $\frac{1}{125000}$

1 ½ 0 1 2 3 4 5 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour Interval 100 feet.

Datum is mean Sea level.

Edition of Oct. 1896.

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Surveyed in 1890 and '95.