



LEGEND

SEDIMENTARY ROCKS

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

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

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

Cb
Bangor limestone
(Massive blue and shaly limestone)

Cp
Fort Payne chert
(Cherty limestone)

Dc
Chattanooga black shale
(Carbonaceous shale)

Sr
Rockwood formation
(Oolitic sandy and clay shale with beds of red fossiliferous iron ore, generally workable)

Sc
Chickamauga limestone
(Blue flaggy limestone)

Sk
Knox dolomite
(Grey, magnesian limestone, granular and massively bedded, contains chert)

Faults

Mines and Quarries

Known productive formations

Coal
(Probably productive)

Iron
(Red fossiliferous)

CARBONIFEROUS

DEVONIAN

SILURIAN

Henry Gannett, Chief Geographer.
Gilbert Thompson, Geographer in charge.
Triangulation by the U.S. Coast and Geodetic Survey.
Topography by Louis Nell.
Surveyed in 1884.

Scale 1:50,000
Contour Interval 100 feet
Datum is mean Sea level
Edition of Jan. 1895.

G.K. Gilbert, Chief Geologist.
Bailey Willis, Geologist in Charge.
Geology by C. Willard Hayes.
Surveyed in 1888-90.