



LEGEND

SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Ni

Irvine formation  
(unconsolidated sand and clay)

NEOCENE

Cle Clen

Lee formation  
(shale and sandstone including a few seams of coal)

Clec

Corbin conglomerate-lentil  
(coarse pink sandstone or conglomerate at the top of the Lee formation)

Cler

Rockcastle conglomerate-lentil  
(coarse conglomerate in the Lee formation)

Cpn

Pennington shale  
(red and green shale and impure limestone)

Cn

Newnan limestone  
(blue limestone)

Cwv Cwv

Waverly formation  
(green shale and sandstone)

CARBONIFEROUS

Dc Dc

Chattanooga shale  
(black carbonaceous shale)

DEVONIAN

SDp

Fanola formation  
(brown limestone, green shale and yellow sandstone)

Src Srcg

Richmond formation  
(blue carbonaceous shale and thin beds of limestone)

Sg

Garrard sandstone  
(colorless sandstone)

Sw Swx

Winchester limestone  
(thin-bedded blue crystalline limestone)

Sf

Flamagan chert  
(thin-bedded limestone carrying nodules and thin beds of chert)

Slx

Lexington limestone  
(thin bedded gray limestone)

Shb Shb

Highbridge limestone  
(white limestone, blue limestone and carbonaceous shale)

SILURIAN

Faults

Known productive formations

Coal  
(Lee formation contains coal seams)

Henry Gannett, Chief Topographer;  
Gilbert Thompson, Chief Geographer;  
Triangulation by C.M. Yeates;  
Topography by E.C. Barnard.  
Surveyed in 1890.

Geology by Marius R. Campbell,  
Joseph A. Jeff and Walter C. Mendenhall.  
Surveyed in 1896.



Scale 1:25,000

Edition of Aug. 1898.