



LEGEND

SEDIMENTARY ROCKS

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

Cs1

St. Louis limestone
(gray and blue heavy-bedded, cherty limestone)

Cr

Tullahoma formation
(extremely cherty shale and limestone, with greenish clay shale at the base in places)

Dc

Chattanooga shale
(carbonaceous black shale)

Scl

Clifton limestone
(even bedded, compact, light gray or bluish limestone)

Sf

Ferrvale formation
(soft green or bluish shale with beds of granular crystalline limestone)

Sj

Leipers formation
(finely earthy limestone and irregularly bedded, granular crystalline limestone without shale)

Sey

Cathey's formation
(finely earthy limestone and shale with heavy beds of impure blue limestone)

Sby

Bigby limestone
(mainly granular, crystalline, continuous, phosphatic limestone)

Sht

Hermitage formation
(even bedded shale with siliceous limestone below and siliceous granular phosphatic limestone above)

Scr

Carters limestone
(massive, compact, white or light blue, cherty limestone)

Slb

Lebanon limestone
(thin bedded, compact, bluish or dove-colored limestone)

Faults

CARBONIFEROUS

DEVONIAN

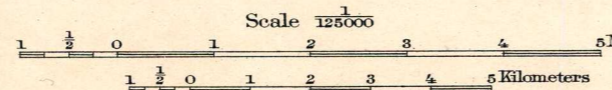
SILURIAN

Oriskany

H.M. Wilson, Geographer in charge.
Control by Gilbert Thompson, W.J. Peters, and G.T. Hawkins.
Topography by A.E. Murfin, Hersey Munro, and Albert Pike.
Surveyed in 1895 and 1899.



APPROXIMATE MEAN
DECLINATION 1903.



Scale 1:25,000
Miles
Kilometers
Contour interval 50 feet.
Datum is mean sea level.
Edition of June 1903.

Geology by C. Willard Hayes
and E.O. Ulrich.
Surveyed in 1899-1900.