

LEGEND

LEGEND
(continued)

50' Dip and strike of stratified rocks
Vertical dip and strike of stratified rocks

⊗ Coal mines
× Coal prospects

Known productive formations

Cm
Coal
(Mc Alester shale contains workable coal beds)

Cw
Limestone
(Wapanucka limestone suitable for lime and building stone)

Cs
Building stone
(Savanna sandstone suitable for building)

SURFICIAL ROCKS

(Areas of surficial rocks are shown by patterns of dots and circles.)

Prs
River sand
(fine yellow sand and silts)

SEDIMENTARY ROCKS

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

Ng
Guerie sand
(unconsolidated silt sand, and gravel on benches above the present drainage)

Csl
Seminole conglomerate
(sandstone and chert conglomerate)

Chd
Holdenville shale
(blue clay shale with thin limestone and sandstone)

Cwk
Wewoka formation
(massive soft sandstone and blue clay shale)

Cwt
Wetumka shale
(shale and thin sandstone with thin limestone at the top)

Ccv
Calvin sandstone
(massive sandstone changing to sandstone and shale toward the west)

Csn
Senora formation
(massive sandstone with shale above becoming shaly toward the west)

Cst
Stuart shale
(blue and black clay shale with sandstone near the middle)

Ct
Thurman sandstone
(conglomerate, shale, and sandstone changing to shale and thin sandstone in the western portion)

Cb
Boggy shale
(shale with many thin sandstone layers and thin coal in lower part)

Cs
Savanna sandstone
(brown sandstone shaly sandstone, and shale)

Cm
Mc Alester shale
(blue and black shale thin sandstone, and coal)

Ch
Hartshorne sandstone
(brown, thick and thin bedded sandstone)

Ca
Atoka formation
(shales and thin sandstone)

Cc
Chickachoc chert lentil
(white calcareous cherty sandstone in the Atoka formation)

Cw
Wapanucka limestone
(massive white limestone, shaly limestone, and shale)

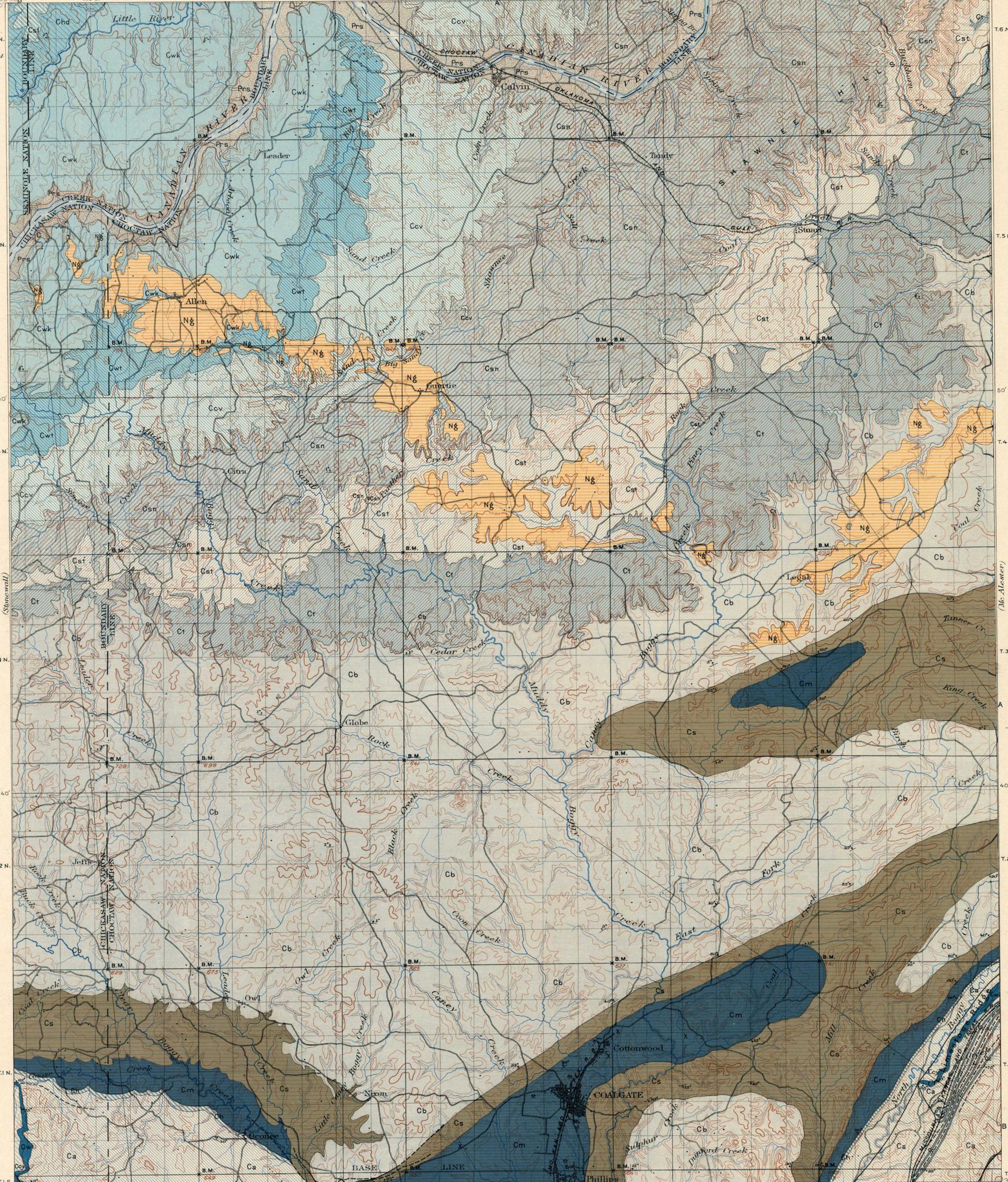
Ccy
Caney shale
(blue clay shale and flinty black shale with blue limestone aggregations)

Observed faults

Probable faults
(approximate location)

Sections

Legend is continued on the left margin.

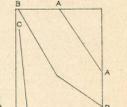


C.H. Fitch, Topographer in charge.
Van H. Manning, Topog. Asst. in charge.
Triangulation by C.F. Urquhart.
Topography by C.F. Cook, C.W. Goodlove,
R.A. Farmer, J. Ahern, and D.C. Harrison.
Surveyed in 1895-96.

Scale 1:50,000
1 1/2 0 1 2 3 4 5 Miles
1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 50 feet.
Datum is mean sea level.
Edition of April 1901.

Geology by Joseph A. Taft.
Assisted by George I. Adams.
Surveyed in 1898.



Legend is continued on the left margin.