

LEGEND

SURFICIAL ROCKS

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

Prs
River sand
(fine yellow sand and alluvium)

SEDIMENTARY ROCKS

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

Ng
Quartzite 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
Wetmuka 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 beds and coal in lower part)

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

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

Ch
Hartshorne sandstone
(lower, black and thin bedded sandstone)

Ca
Atoka formation
(shales and thin sandstone)

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

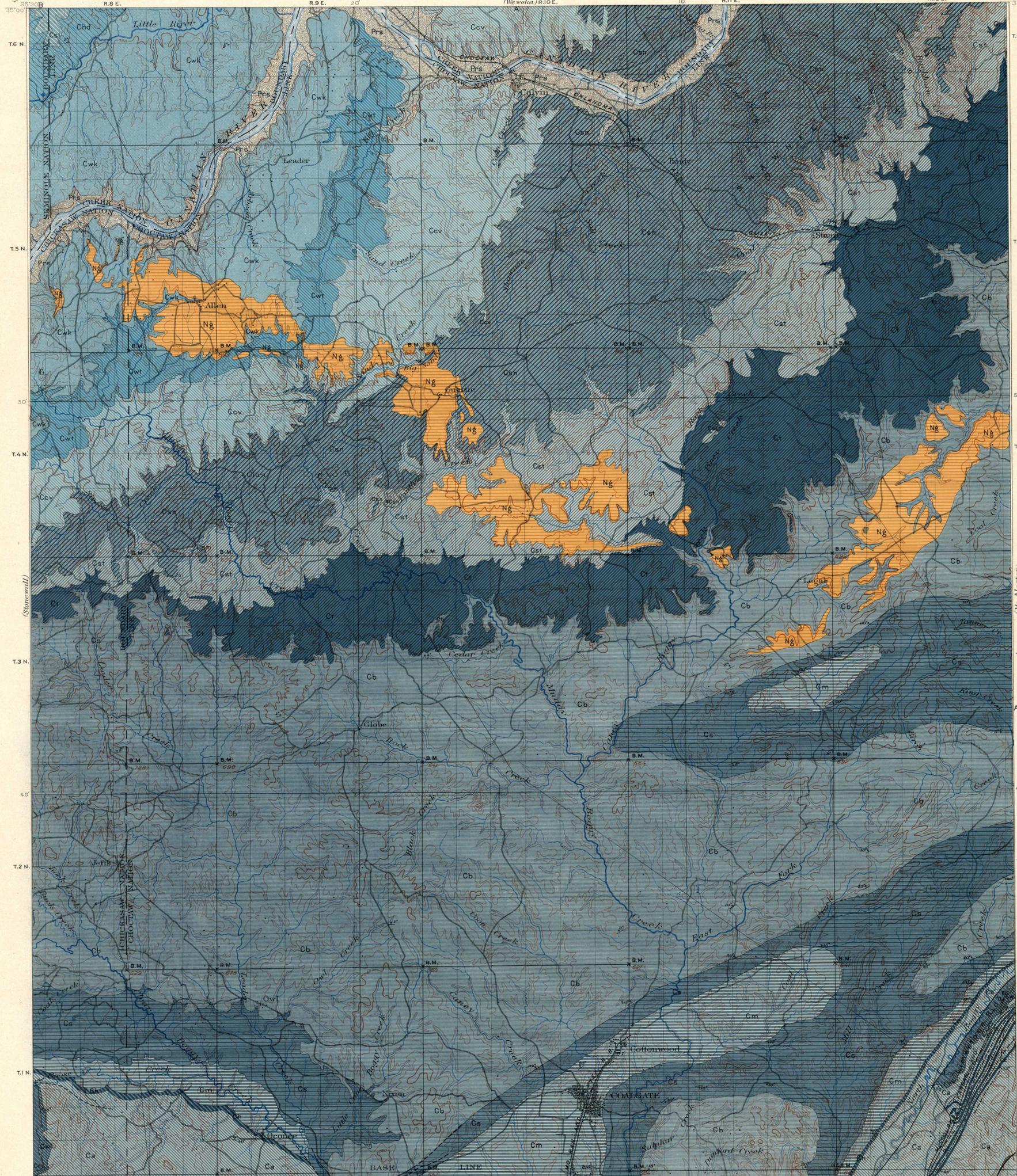
Cw
Wapanucka limestone
(massive white limestone, cherty blue limestone, and shale)

Ccy
Caney shale
(blue clay shale and fossiliferous black shale with blue limestone segregations)

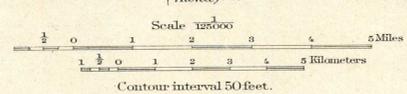
Observed faults
Probable faults
(approximate location)

Sections
A
B
C

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



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Triangulation by C.F. Ulrichart.
Topography by C.F. Cook, C.W. Goodlove,
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Surveyed in 1895-96.



Contour interval 50 feet.
Datum is mean sea level.
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Geology by Joseph A. Taff
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Surveyed in 1898.

