

U.S. GEOLOGICAL SURVEY
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STRUCTURE SECTIONS

INDIAN TERRITORY
(CHICKASAW NATION)
TISHOMINGO QUADRANGLE

LEGEND

LEGEND
(continued)

IGNEOUS ROCKS

SHEET SECTION SYMBOL



Tishomingo granite
(pink granitic granite with occasional diabase dikes)

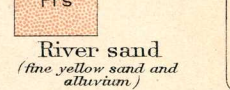
Faults

Concealed faults
(continuation of known faults beneath later deposits)

See strike and dip of stratified rocks

SURFICIAL ROCKS

SHEET SECTION SYMBOL



River sand
(fine yellow sand and alluvium)

Terrace sand and gravel

SEDIMENTARY ROCKS

SHEET SECTION SYMBOL



Silo sandstone
(partially consolidated brown sandstone and shale)

Bennington limestone
(blue or yellowish blue compact shell limestone)

Bokchito formation
(friable shale and sandstone with thin beds of limestone)

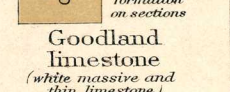
Caddo limestone
(limestone and nearly clay interstratified)

Kiamichi formation
(blue marly clay with shell limestone beds)

Goodland limestone
(white massive and thin limestone)

Trinity sand
(yellow sand with gravel at the base)

UNCONFORMITY



Franks conglomerate
(coarse limestone conglomeration with glauconitic and fossiliferous limestone)

Glenn formation
(shale and thin sandstone)

UNCONFORMITY



Caney shale and Glenn formation
(undifferentiated in the south but blue clay in the central portion of the Arkosic region)

Caney shale
(black and blue shale with chert and limestone lenses)

Sycamore limestone
(blue to yellow chert bedded limestone)

Woodford chert
(black fine chert and shale)

Hunton limestone
(white and yellow limestone)

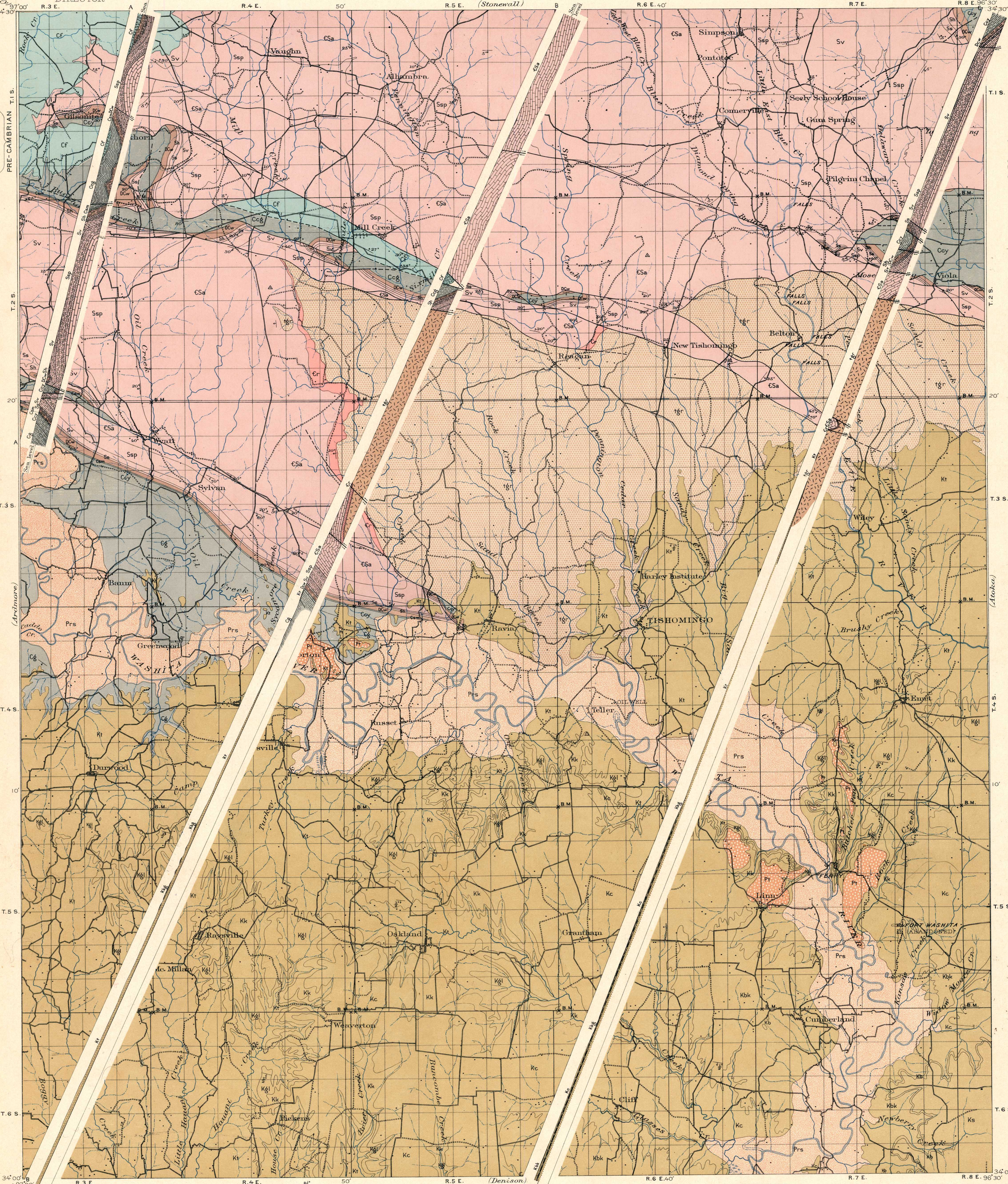
Sylvan shale
(blue friable shale)

Viola limestone
(blue thin bedded limestone)

Simpson formation
(thin limestone, shale and sandstone)

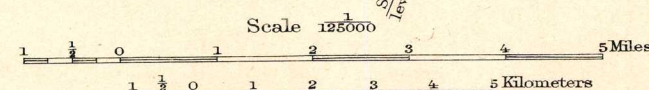
Arbuckle limestone
(blue thick bedded limestone)

Rengas sandstone
(sandstone and arkosic conglomeration)



C. H. Fitch, Topographer in charge.
Van H. Manning, Topographer Assistant in charge.
Triangulation by C. F. Urquhart.
Topography by R. H. Mc Kee and C. W. Goodlove.
Surveyed in 1897-98.

APPROXIMATE MEAN DECLINATION 1903.



Edition of Sept. 1903.

DIAGRAM OF TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Geology by Joseph A. Taff.
Assisted by Sidney H. Ball.
Surveyed in 1900.

Legend is continued on the left margin.