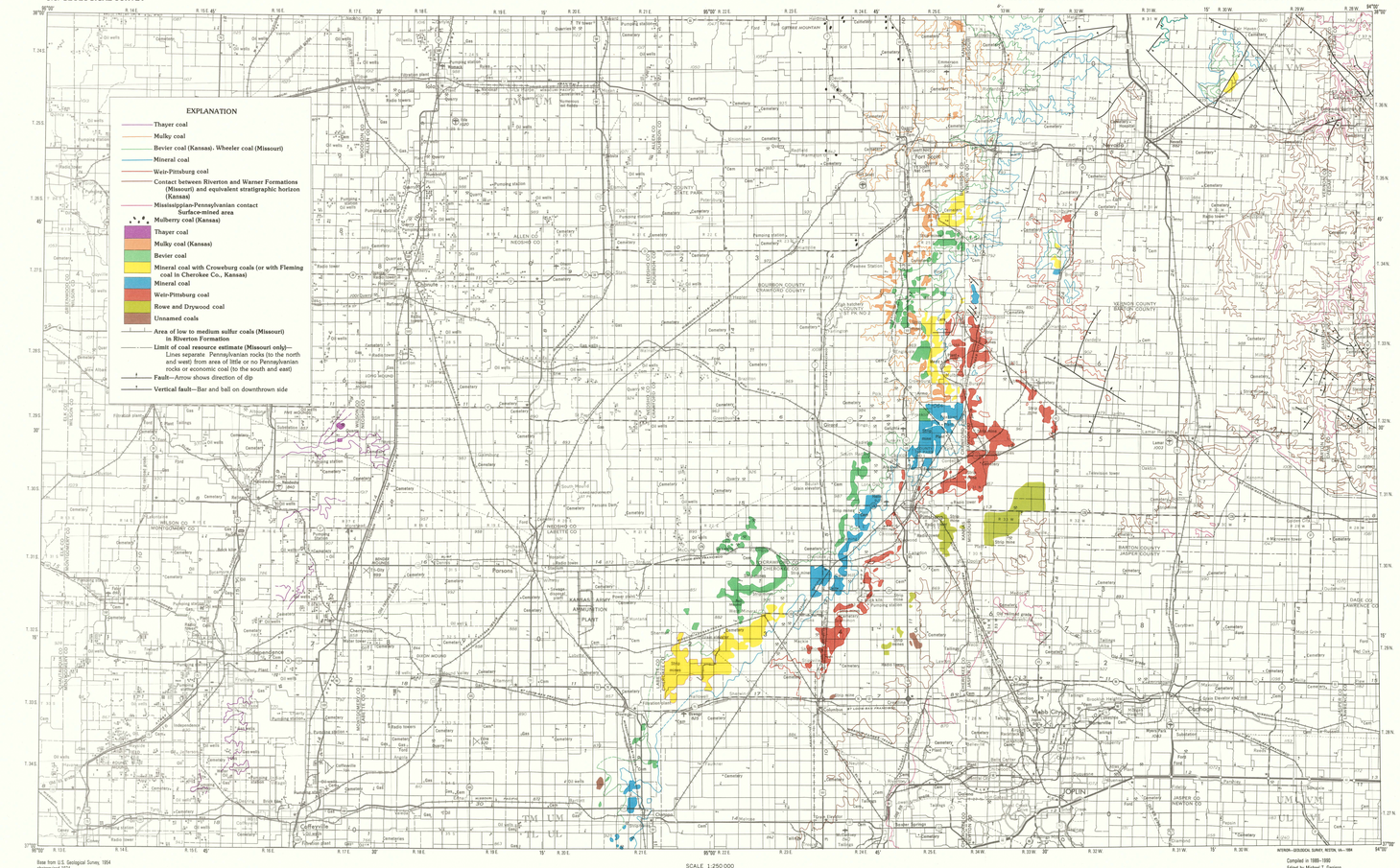
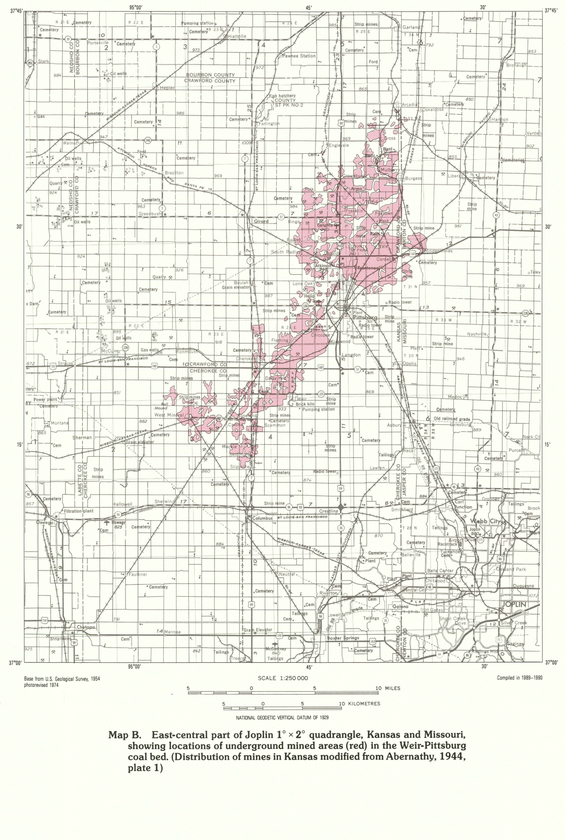
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
KANSAS GEOLOGICAL SURVEY
AND THE
MISSOURI DEPARTMENT OF NATURAL RESOURCES, DIVISION OF GEOLOGY AND LAND SURVEY

MISCELLANEOUS INVESTIGATIONS SERIES
FOLIO OF THE JOPLIN 1° × 2° QUADRANGLE, KANSAS AND MISSOURI
MAP I-2426-A (SHEET 1 OF 2)





Map B. East-central part of Joplin 1° × 2° quadrangle, Kansas and Missouri, showing locations of underground mined areas (red) in the Weir-Pittsburg coal bed. (Distribution of mines in Kansas modified from Abernathy, 1944, plate 1)

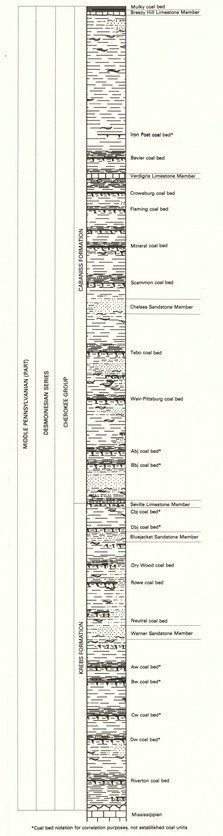


Figure 1. Stratigraphic columnar section of the Middle Pennsylvanian Cherokee Group in southeastern Kansas (modified from Harris, 1985, p. 67).

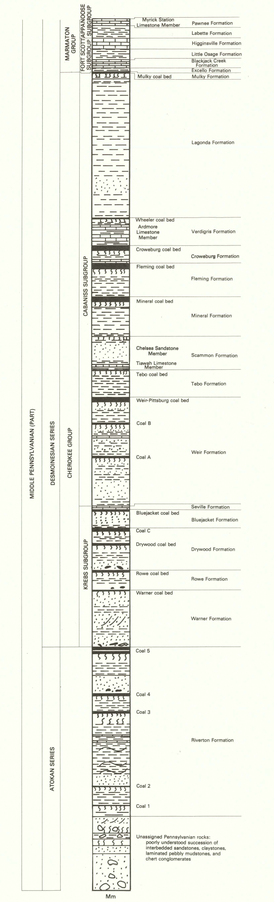
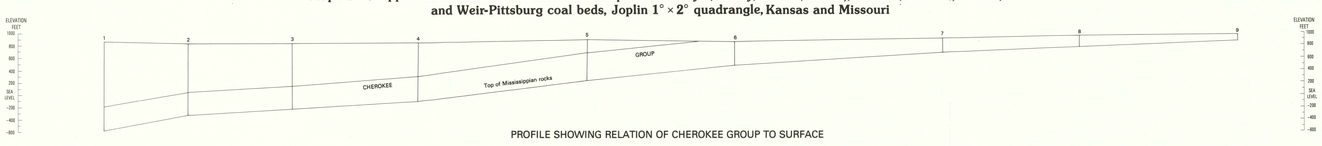


Figure 2. Stratigraphic columnar section of exposed Middle Pennsylvanian rock units, Missouri part of Joplin 1° × 2° quadrangle.

NATIONAL GEODETIC VERTICAL DATUM OF 1929
1994 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 5½° TO 4½° EAST

Map A. Stripped mined lands of all coals and croplines of Thayer, Mulky, Bevier(Kansas),Wheeler(Missouri),Mineral, and Weir-Pittsburg coal beds, Joplin 1° × 2° quadrangle, Kansas and Missouri



PROFILE SHOWING RELATION OF CHEROKEE GROUP TO SURFACE

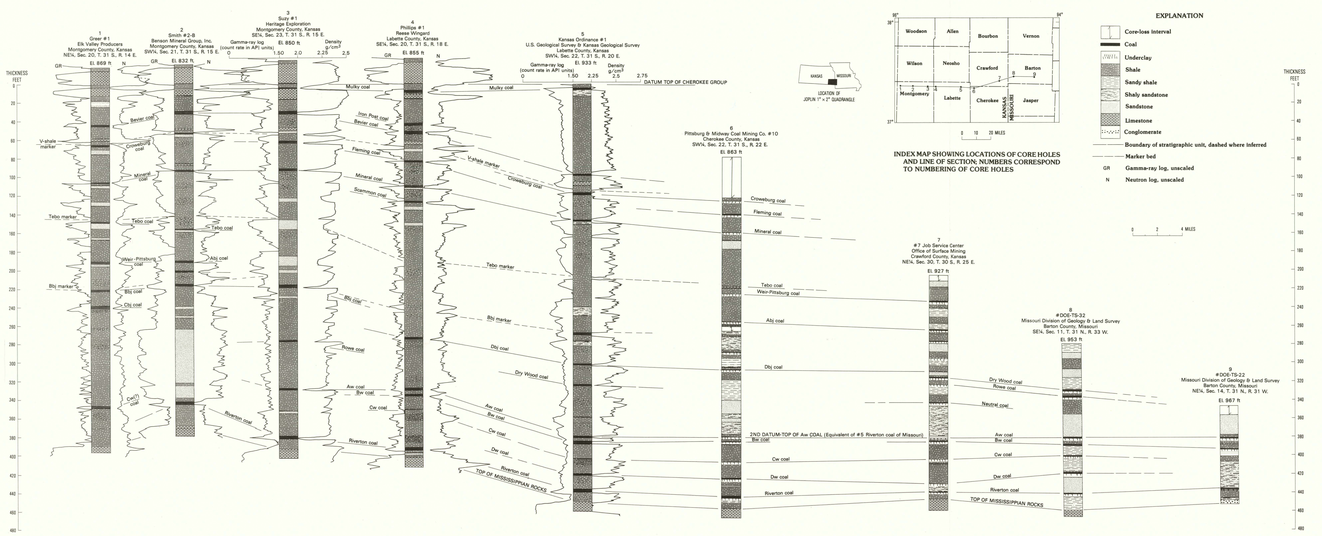


Figure 3. Correlation of stratigraphic sections across the Joplin 1° × 2° quadrangle showing distribution of coal beds in the Cherokee Group (Kansas nomenclature). Lithologic data obtained in part from Staton (1987) (wells 1–5), Harris (1984) (wells 6,7), and Wells (1979) (wells 8,9).

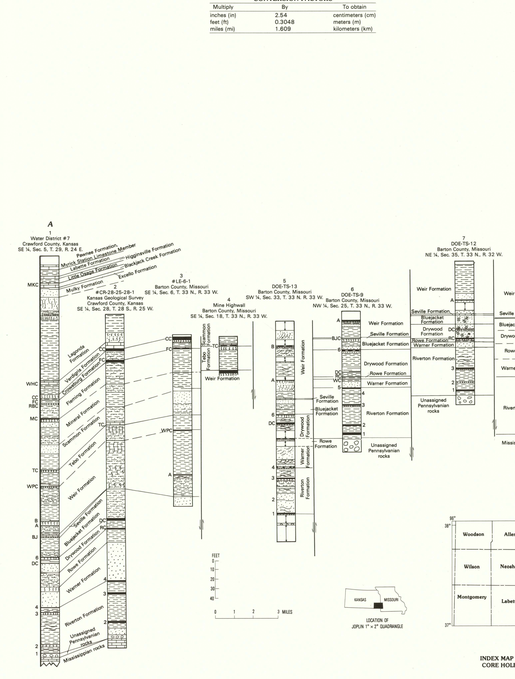


Figure 4. Correlation of stratigraphic sections across the eastern part of the Joplin 1° × 2° quadrangle showing distribution of coal beds in the Cherokee Group and Riverton Formation (Missouri nomenclature).

CONVERSION FACTORS

Multiply	By	To obtain
inches (in)	2.54	centimeters (cm)
feet (ft)	0.3048	meters (m)
miles (mi)	1.609	kilometers (km)

COAL RESOURCES OF THE JOPLIN 1° × 2° QUADRANGLE, KANSAS AND MISSOURI

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