



INDEX MAP OF OKLAHOMA SHOWING LOCATION OF MAPPED AREA (BLACK

EXPLANATION

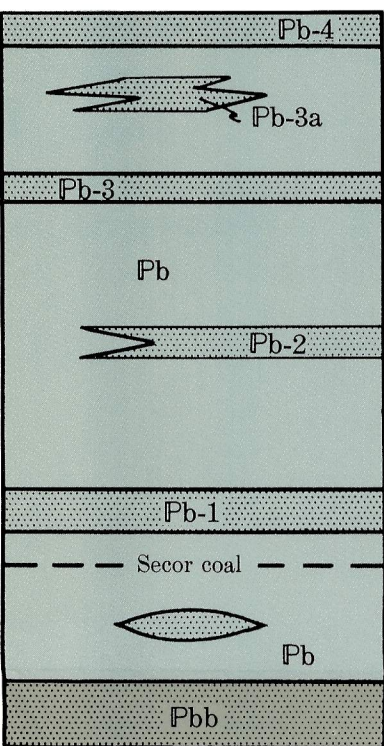
Qal

(Sand, silt, and clay in flood plains of streams.)

Qt

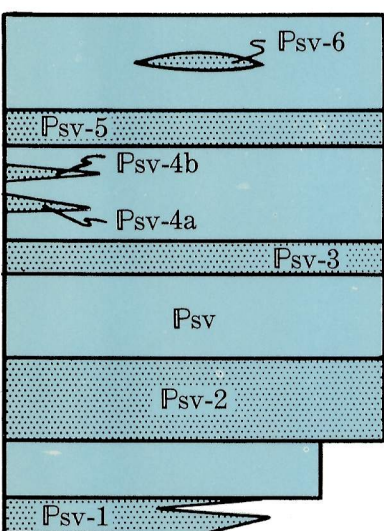
TERRACE DEPOSITS

(Stream-laid deposits of sand and silt, together with some gravel, on uplands bordering present streams.)



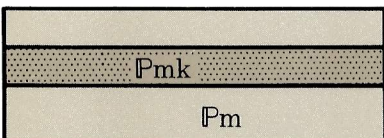
BOGGY FORMATION

(Mapped units of fine- to medium-grained sandstone [stippled] interbedded with greenish-gray to black silty shale and siltstone [unstippled]. Secor coal seam in lower part. Bluejacket sandstone member [Pbb] at base. Maximum exposed thickness is 1,150 feet; upper part eroded in map area.)



SAVANNA FORMATIO

(Mapped units of fine-grained brownish sandstone [stippled] interbedded with greenish-gray to black silty shale [unstippled]. Thickness 810 to 1,130 feet, increasing southward and westward.)



CALESTER FORMATION

(Gray to black blocky shale and thin beds of brownish siltstone. Keota sandstone member [Pmk] in upper part. Uppermost 300 feet exposed in map area.)

 ⁵
Strike and dip

Axis of anticline

Axis of syncline

Paved road

31

State highway

bordered rails

1

School

 Church

11

Seminary

Williams & Heintz Map Corporation, Washington 27, D.C.