DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
UNITED STATES ATOMIC ENERGY COMMISSION

TRACE ELEMENTS INVESTIGATIONS
REPORT 689

EXPLANATION

K
Cretaceous
Includes rocks in Trinity group which unconformably overlie strata of Pennsylvanian and Permian age

Pcfh
Permian
Clear Fork group of Texas and correlative Hennessey formation of Oklahoma. Lueders limestone,(Pwl) underlying the Clear Fork on margin of map area

Pw$^{t}_{cj}$
Permian
Wichita formation divided by "t" bed sandstone zone. ("t" indicates top of zone) in Oklahoma and correlative sandstone zone, (Cj) that is slightly above Coleman Junction limestone, (Pwcj), in Wichita group of Texas

P
Pennsylvanian
Vanoss formation of Oklahoma, Cisco group of Texas

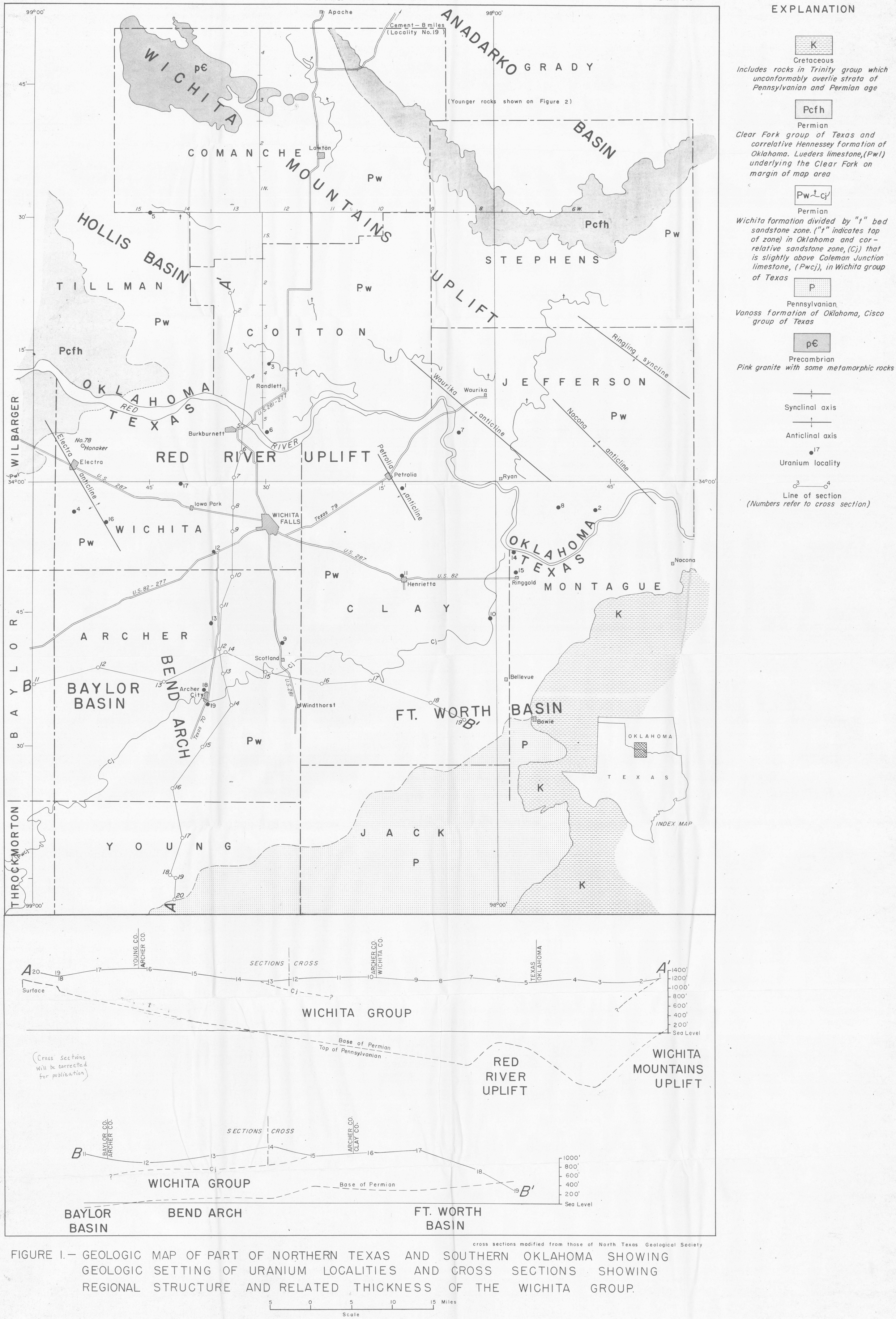
pC
Precambrian
Pink granite with some metamorphic rocks

Synclinal axis

Anticlinal axis

17 Uranium locality

3—4 Line of section
(Numbers refer to cross section)



cross sections modified from those of North Texas Geological Society

FIGURE 1.— GEOLOGIC MAP OF PART OF NORTHERN TEXAS AND SOUTHERN OKLAHOMA SHOWING GEOLOGIC SETTING OF URANIUM LOCALITIES AND CROSS SECTIONS SHOWING REGIONAL STRUCTURE AND RELATED THICKNESS OF THE WICHITA GROUP.

5 0 5 10 15 Miles
Scale