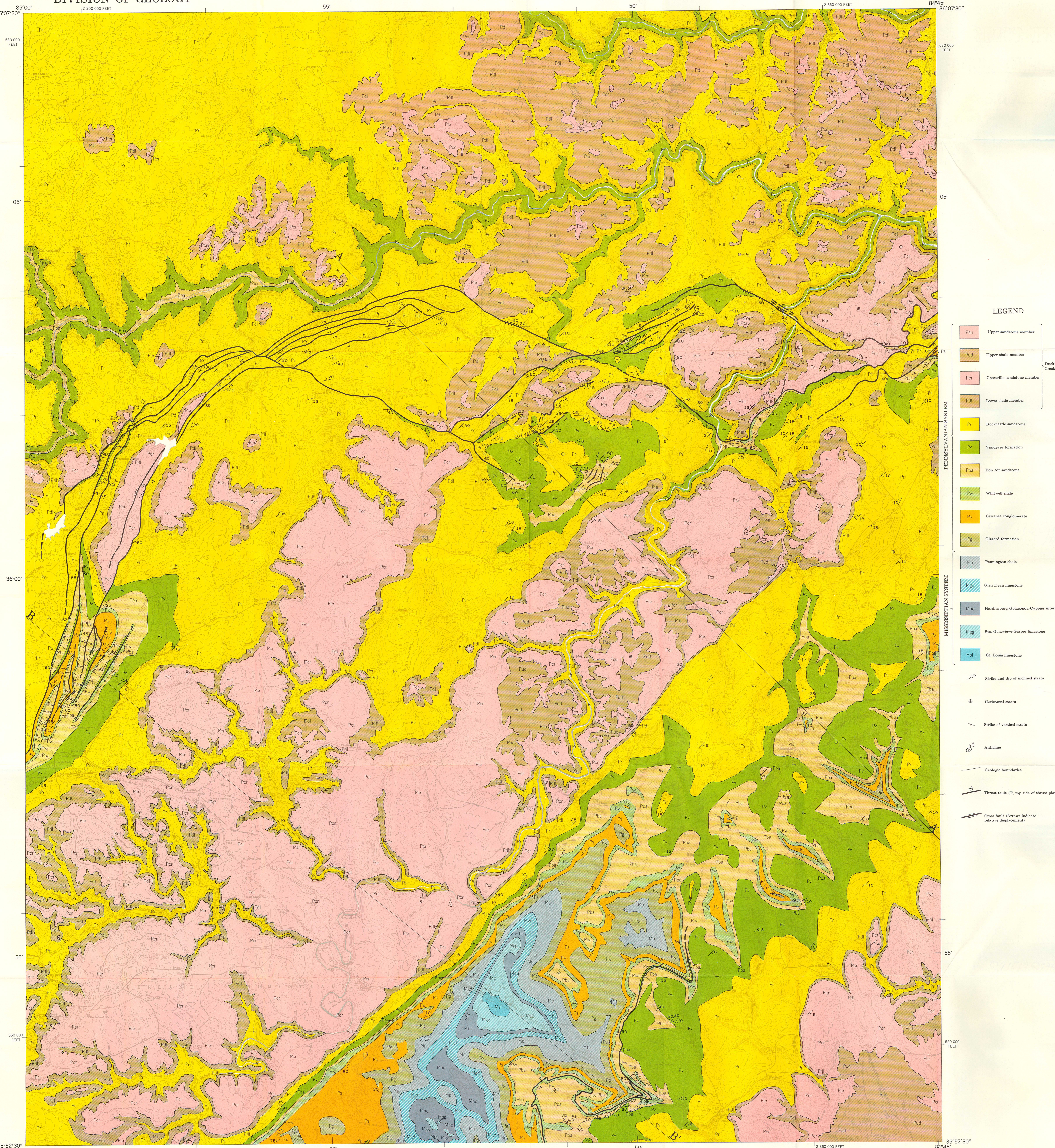


STATE OF TENNESSEE
DEPARTMENT OF CONSERVATION
DIVISION OF GEOLOGY

GEOLOGIC MAP

CRAB ORCHARD MOUNTAINS AREA
TENNESSEE



LEGEND

- | | | |
|--|-----|--------------------------------------|
| | Psu | Upper sandstone member |
| | Pud | Upper shale member |
| | Pcr | Crosville sandstone member |
| | Pdl | Lower shale member |
| | Pr | Rockcastle sandstone |
| | Pv | Vandervee formation |
| | Pba | Bon Air sandstone |
| | Pw | Whitwell shale |
| | Ps | Sewanee conglomerate |
| | Pg | Gizzard formation |
| | Mp | Pennington shale |
| | Mgd | Glen Dean limestone |
| | Mhc | Hardinburg-Golconda-Cypress interval |
| | Mgg | Sta. Genevieve-Gasper limestone |
| | Msl | St. Louis limestone |
- PENNSYLVANIAN SYSTEM**
- MISSISSIPPIAN SYSTEM**
- Strike and dip of inclined strata
 - Horizontal strata
 - Strike of vertical strata
 - Anticline
 - Geologic boundaries
 - Thrust fault (T, top side of thrust plate)
 - Cross fault (Arrows indicate relative displacement)

Topographic map base from USGS-TVA quadrangles:
Fox Creek, Hebbertsburg, Dorton, and Ozona

Scale 1 Inch = 1/2 Mile
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Geology by Richard G. Stearns, John W. Jewell and Bailey M. Rascoe 1949-1951
Polyconic projection. 1927 North American datum
10,000-foot grid based on Tennessee rectangular coordinate system

Cartography by TVA, Maps and Surveys Branch