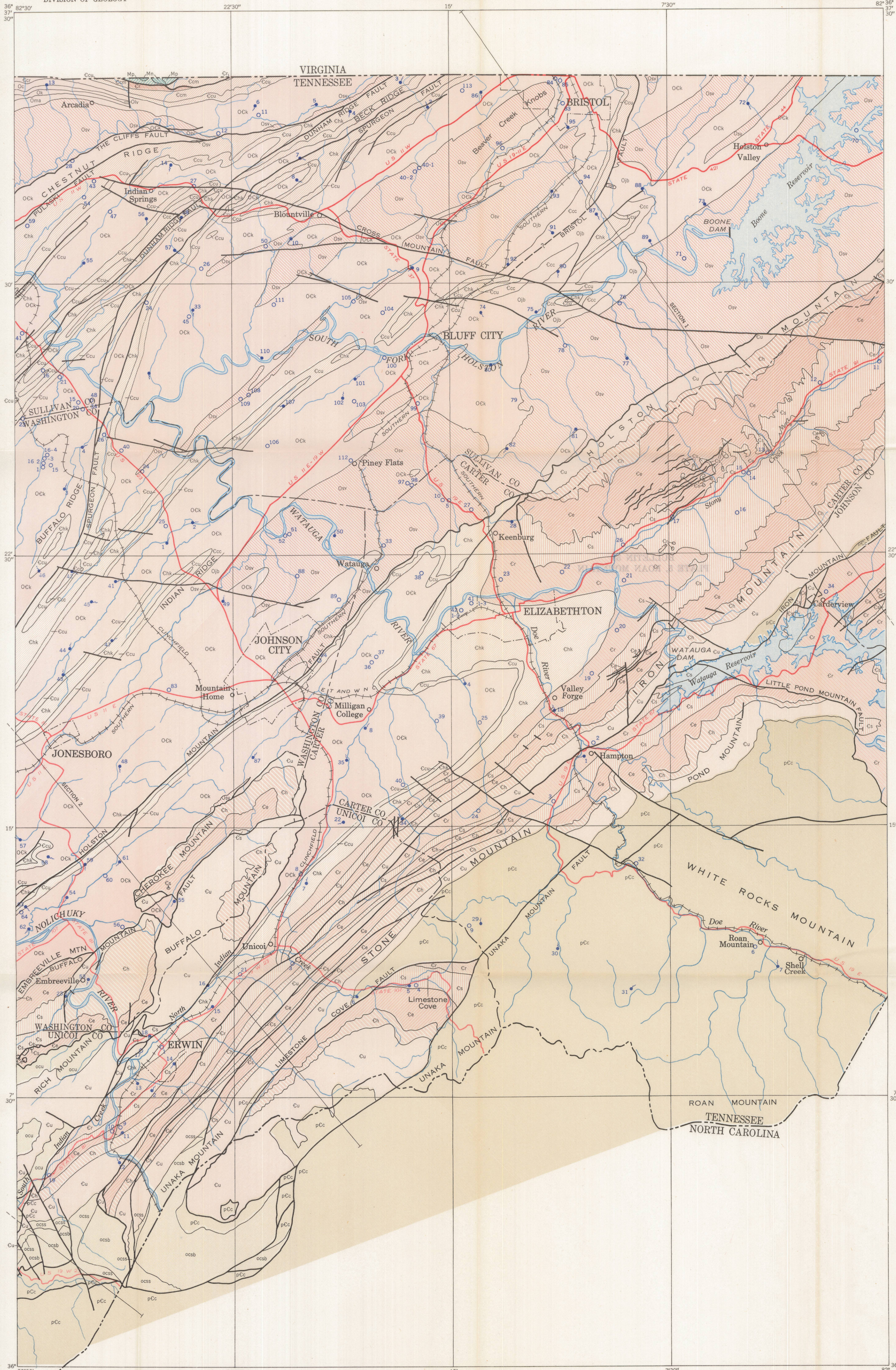




EXPLANATION

Pennington formation

Newman limestone

Sevier shale

Ock

Knox dolomite or group, undivided

Oma

Mascot dolomite

Ok

Kingsport formation

Olv

Longview dolomite

Oc

Chepultepec dolomite

Ojb

Jonesboro limestone

Ccr

Copper Ridge dolomite

Ccc

Conococheague limestone

Ccu

Upper Cambrian part of Conasauga group

Com

Middle Cambrian part of Conasauga group

Chk

Honaker dolomite

Cr

Rome formation

Cs

Shady dolomite

Cs

Erwin formation

Ch

Hampton formation

Cu

Unicoi formation

ocu

Ocoee series, undivided

ocsa

Sandsuck shale

ocsb

Snowbird formation

pCc

Pre-Cambrian crystalline complex

Contact

Fault

Doubtful or probable fault

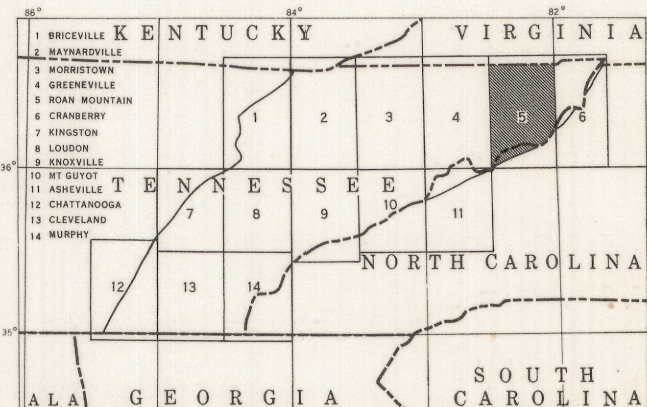
40-1

Well showing location

The first number indicates the number within the county, the second the well number in group

Spring showing location

For master explanation see plate 11



GEOLOGIC MAP OF EAST TENNESSEE: ROAN MOUNTAIN
SHOWING LOCATION OF WELLS AND SPRINGS

Scale 1:125,000
1 0 5 10 Miles