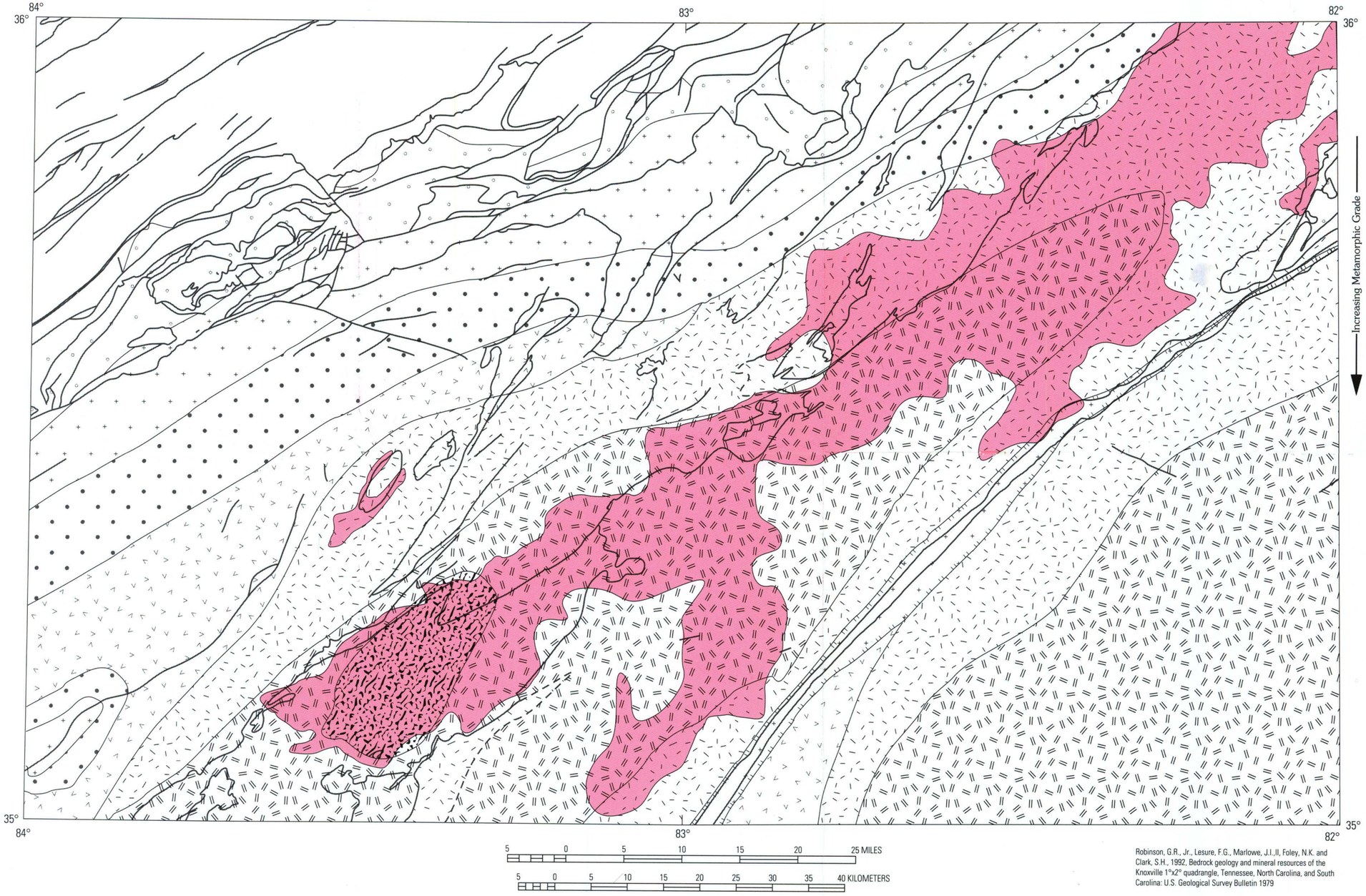

DESCRIPTION OF MAP UNITS

Barrovian–series facies zones

Increasing Metamorphic Grade

- Unmetamorphosed
- Greenschist
  - Chlorite
  - Biotite
  - Garnet
- Amphibolite
  - Staurolite
  - Kyanite
  - Sillimanite
- Granulite — Hypersthene granulite sillimanite–potassium feldspar
- Area of combined pegmatite districts adapted from Lesure, 1968
- Retrogressively metamorphosed rocks, teeth on retrograde side
- Fault
- Contact

Robinson, G.R., Jr., Lesure, F.G., Marlowe, J.I., II, Foley, N.K. and Clark, S.H., 1992, Bedrock geology and mineral resources of the Knoxville 1°x2° quadrangle, Tennessee, North Carolina, and South Carolina: U.S. Geological Survey Bulletin 1979

PALEOZOIC METAMORPHIC FACIES MAP OF THE KNOXVILLE 1° x 2° QUADRANGLE