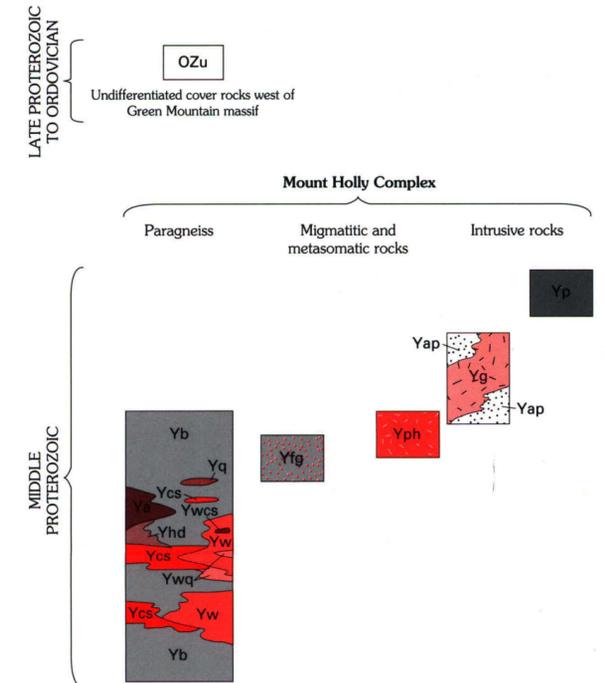


CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Intrusive and migmatitic or metasomatic rocks

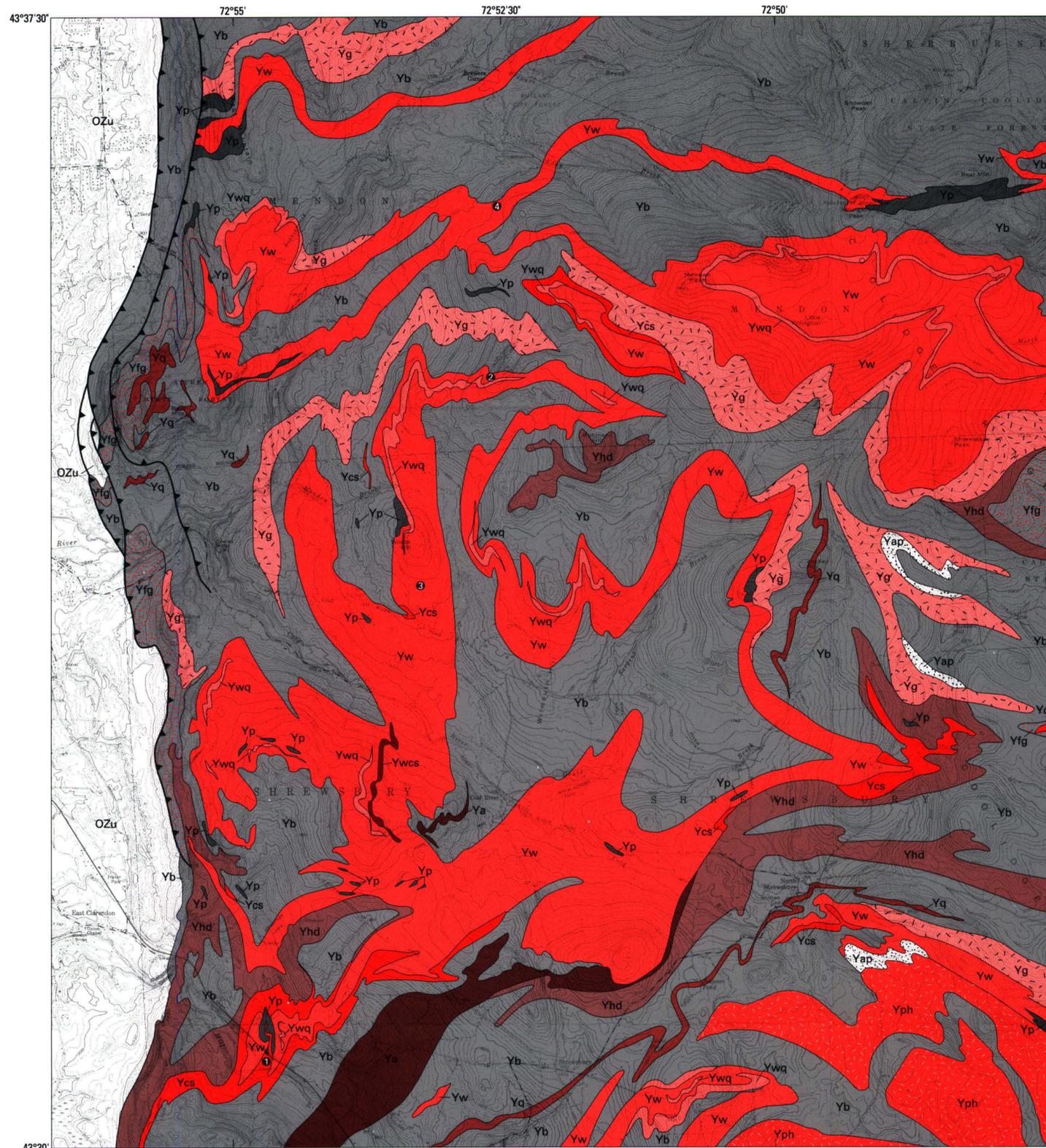
- Yp** White to pinkish-gray, biotite granite pegmatite
- Yg** Granitoid gneiss—Contains K-feldspar megacrystic granite gneiss and more uniformly textured biotite granite gneiss
- Yap** White, albite-rich, aplitic rock—Commonly infiltrates calc-silicate rocks and amphibolite. Interpreted as a contact facies of Yg
- Yph** Plagioclase-rich granodiorite gneiss
- Yfg** Mixed felsic gneiss and granofels—Light-gray to pinkish-gray, medium- to fine-grained, microcline-plagioclase-quartz granofels, distinctively speckled with magnetite, grades into well-layered migmatitic gneiss having 1- to 5-cm layers of plagioclase-rich pegmatitic gneiss or greenish-gray actinolite-chlorite-plagioclase (albite + epidote) quartz granofels. Interpreted as contact metasomatic products of granite or aplite intrusion or of anatexis of paragneiss associated with calc-silicate gneiss

Paragneiss

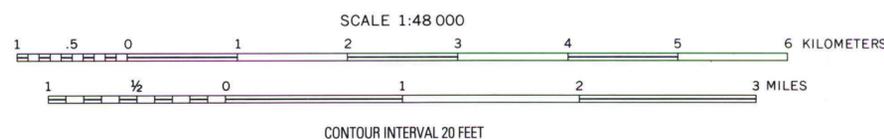
- Yb** Well-layered biotite-quartz-plagioclase gneiss—Varies from light-gray quartz-rich varieties having distinctive gray frosted grains of quartz to dark-gray biotite-rich varieties. Interpreted as sedimentary or volcanogenic sedimentary rocks interlayered with quartzite, calc-silicate and schistose rocks
- Yc** Amphibolite
- Yhd** Hornblende-plagioclase "dioritic" gneiss and massive granofels—Grades into amphibolite or calc-silicate rocks with which it is closely associated
- Ycs** Calc-silicate rock—Includes massive hornblende-diopside rock, white coarse-grained calcite-phlogopite (chlorite-talc) marble, beige- to orange-brown weathered, fine-grained dolomitic marble, and diopside-scapolite graphitic calcite marble, occurs interbedded with phyllite of the Wilcox and Yb at their common border
- Yq** Vitreous quartzite and micaceous chlorite-spotted quartzite
- Ywcs** Wilcox Formation—Predominantly rusty gray-brown, lustrous chlorite-muscovite-quartz phyllite, or pale-greenish-gray, lustrous phyllite, containing beds of vitreous quartzite (Ywq); calc-silicate rocks (Ywcs); and chlorite-spotted, retrograded, garnet-biotite quartzite and quartz garnet schist

EXPLANATION OF MAP SYMBOLS

- Contact
- Thrust fault—Sawteeth on upper plate
- Locality discussed in text



Base from U.S. Geological Survey 1:24,000



GEOLOGIC MAP OF THE WILCOX HILL AREA IN THE RUTLAND AND KILLINGTON  
PEAK QUADRANGLES, VERMONT

By  
N.M. Ratcliffe