

U. S. Geological Survey
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- Explanation**
- Qsd Surficial deposits.
 - MI Lamprophyre dikes.
 - Oum Ultramafic rocks.
 - Om Moretown formation.
 - Ouh Umbrella Hill formation.
 - Ous Slate of Umbrella Hill formation.
 - Os Stowe formation.
 - Osga Greenstone and amphibolite of Stowe formation.
 - Co Ottauquechee formation.
 - Ech Camels Hump group.
 - Echb Belvidere Mountain amphibolite of Camels Hump group.
 - Echq Quartz-sericite-chlorite-magnetite-albite schist of Camels Hump group.
 - Echg Greenstone of Camels Hump group.

- garnet
- Metamorphic zones
- Contacts
- Dashed where gradational or inferred in part;
dotted where inferred or concealed.

Anticline
Showing trace of axial plane and direction of plunge of axis. Dashed where inferred or location uncertain; dotted where concealed.

Syncline
Showing trace of axial plane and direction of plunge of axis. Dashed where inferred or location uncertain; dotted where concealed.

Planar Features
 $175 \times 30 \times 75$
INCLINED VERTICAL OVERTURNED
Strike and dip of bedding; bedding definitely shown in outcrop by a bed of quartzite or limestone; schistosity commonly parallel to it.

$175 \times 90 \times 75$
INCLINED VERTICAL OVERTURNED
Schistosity generally parallel to bedding; includes compositional layering in schist and compositional layering and schistosity in greenstone and amphibolite.

$175 \times 90 \times 75$
INCLINED VERTICAL OVERTURNED
Schistosity, whose relation to bedding is not shown in the outcrop.

175×90
INCLINED VERTICAL
Schistosity, which transects bedding or compositional layering in the outcrop.

Strike and dip of schistosity.
 175×90
INCLINED VERTICAL
Strike and dip of slip cleavage; spaced surfaces of parting or incipient parting formed subparallel to the limbs and generally parallel to the axial planes of folds in a preexisting schistosity.

Trend of bedding; may be combined with other symbols to indicate plan of bedding or bedding schistosity.
 175×90

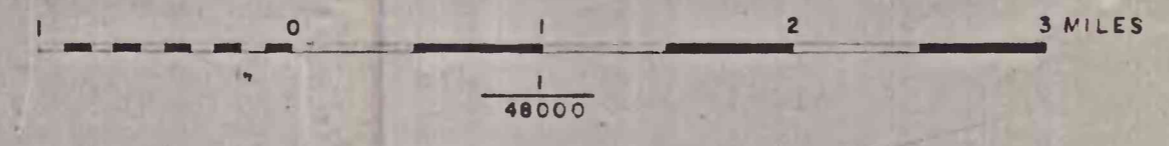
Strike and dip of axial plane of fold.
 $175 \times 90 \times 75$
INCLINED VERTICAL
Coexisting planar features; intersection is at the point of observation.

Linear Features
 $175 \times 90 \times 1$
INCLINED VERTICAL HORIZONTAL
Bearing and plunge of fold or orinkle axis; may be combined with any class of above planar symbols.
 $175 \times 90 \times 1$
INCLINED VERTICAL HORIZONTAL
Bearing and plunge of quartz rods or of lineation formed by the intersection of quartz lenses or laminae with transverse schistosity surface; folded if another axis is shown.



BASE MAP BY U. S. GEOLOGICAL SURVEY, 1930, 1941

GEOLOGY BY ARDEN L. ALBEE, 1951-1954



STRUCTURAL GEOLOGY OF THE HYDE PARK QUADRANGLE, VT.

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