

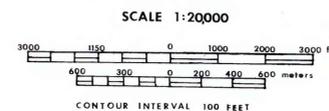
PLATE I
GEOLOGY OF THE BELVIDERE MOUNTAIN AREA, EDEN AND LOWELL, VERMONT

EXPLANATION

- qs Surficial cover
- ucs Undifferentiated green and tan schists and phyllites; \odot metaigneous dikes
- rbs Rusty and black banded quartz-sericite schist
- pgw Phyllitic graywacke
- gp Gray phyllite
- bcp Black carbonaceous phyllite
- grp Green phyllite
- oud Serpentinite and dunite
- outc Talc-carbonate(x), quartz-carbonate(x), and steatite
- bac Coarse-grained amphibolite
- baf Fine-grained amphibolite
- bgs Gray-green banded greenstone, albitic greenstone and homogeneous greenstone
- mus Blue-gray muscovite schist; contains blocks and lenses of greenstone and amphibolite
- ss Silver-gray and white quartz-sericite schist
- agn Albite gneiss
- rs Black and rusty quartz-sericite-chlorite schist and albitic schist
- wgn Fine-grained gneiss with thin phyllitic layers

SYMBOLS

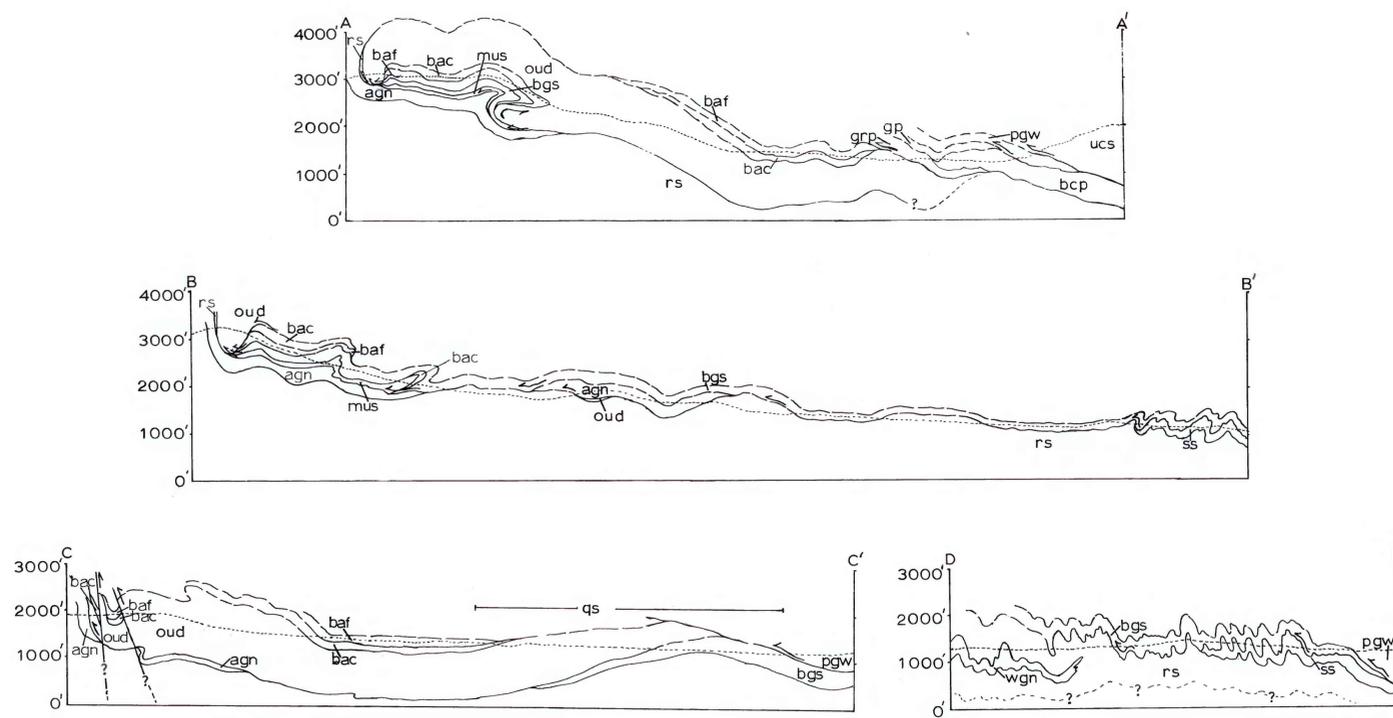
- Contact, dashed where approximate
- Contact from Cady et al. (1963) and Chidester et al. (1978)
- ▲▲▲▲ Fault, open teeth where inferred, teeth on upper plate
- Outcrop area
- ⊙ Quarry
- ↘ Strike and dip of S1 foliation
- ↘ Strike and dip of S2 foliation
- ↘ Strike and dip of S3 foliation
- ↑ F2 fold axis
- ↑ F3 fold axis



SCALE 1:20000

Geology by M. Hollis Gale
Geology mapped 1977-1978; assisted by M. Thomas
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Geology of Belvidere Mtn. modified from Cady et al. (1963) and Chidester et al. (1978)

Base from U.S. Geological Survey
Unpublished Jay Peak special map,
1:10,000, 1953



Scale 1:20000

GEOLOGY OF THE BELVIDERE MOUNTAIN COMPLEX, EDEN AND LOWELL, VERMONT

By
Marjorie Hollis Gale
1980

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This report is preliminary and has not
been edited or reviewed for conformity
to U.S. Geological Survey standards or
nomenclature.