

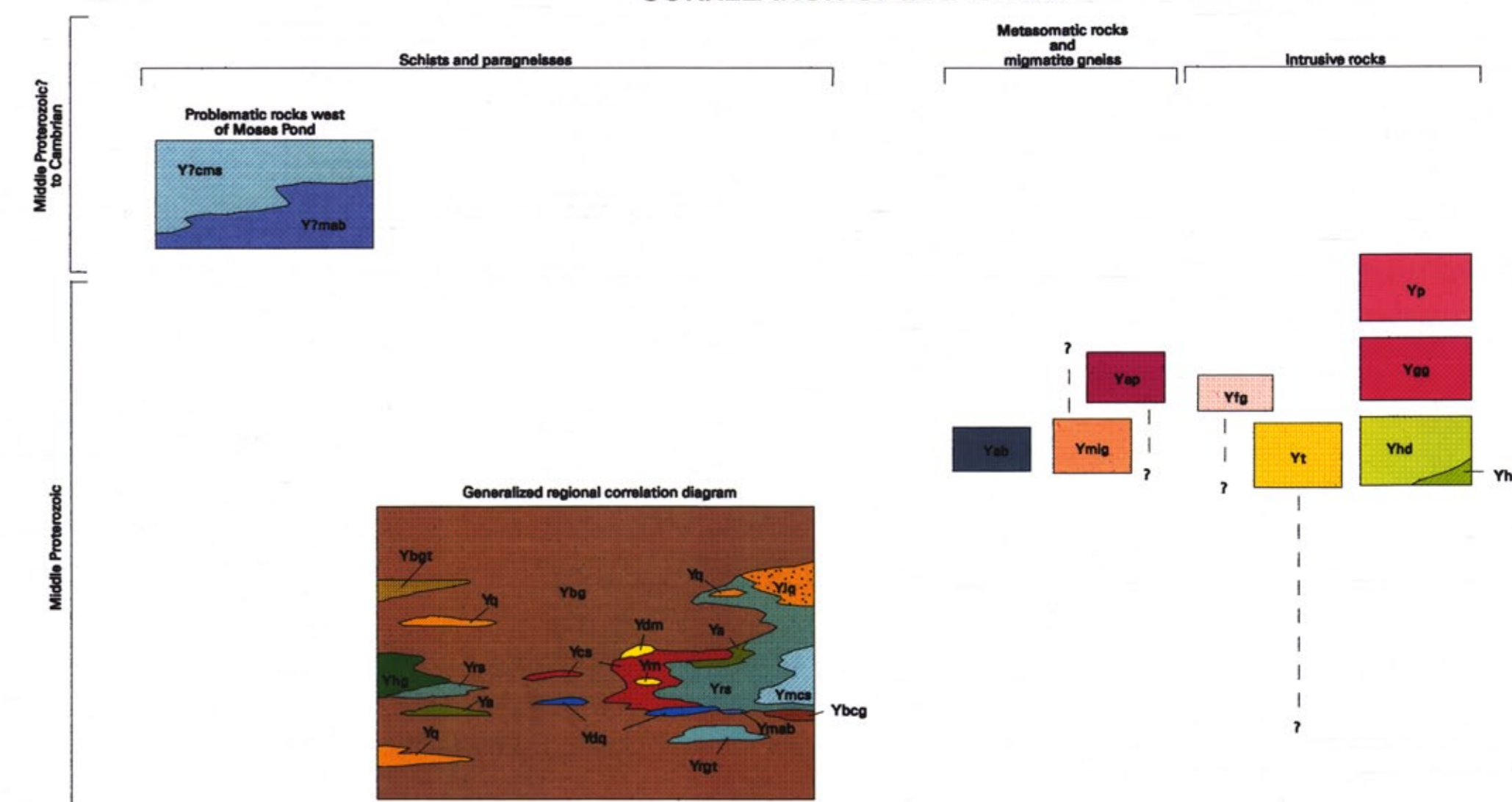


Description of Map Units

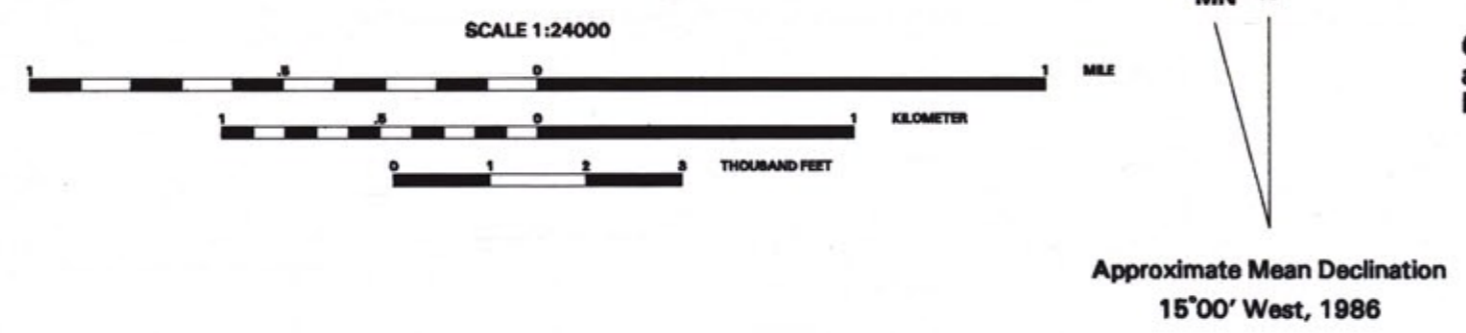
(Not necessarily in stratigraphic order; minerals listed in order of increasing abundance)

- | | |
|---|---|
| SCHISTS AND GRANOFELS OF POSSIBLE MIDDLE PROTEROZOIC AGE | |
| Y7cms | Garnet-chlorite-quartz-muscovite +/- chloritoid schist |
| Y7mab | Biotite-muscovite-albite-quartz schist |
| MIDDLE PROTEROZOIC MOUNT HOLLY COMPLEX | |
| Yp | Granite pegmatite |
| Ygg | Biotite granite gneiss |
| Yap | White, feldspar-rich aplite gneiss |
| Yhd | Hornblende diorite gneiss |
| Yhda | Fine-grained hornblende-plagioclase amphibolite |
| Yt | Trondhjemite gneiss |
| Ymig | Migmatite gneiss |
| Yfg | Felsic magnetite-biotite gneiss |
| Yab | Albite-muscovite-biotite-quartz schist |
| Ya | Amphibolite |
| Yhg | Hornblende-plagioclase gneiss |
| Ybg | Biotite-quartz-plagioclase gneiss |
| Ybgt | Garnet-muscovite-biotite-plagioclase-quartz gneiss |
| Yrs | Garnet-chlorite-muscovite-quartz +/- chloritoid schist |
| Yrgt | Garnet-muscovite-biotite-plagioclase-quartz schist |
| Ymcs | Lustrous, chlorite-muscovite-quartz +/- chloritoid schist |
| Ymab | Biotite-muscovite-albite-quartz schist |
| Yq | White vitreous quartzite |
| Ylq | Massive vitreous quartzite from Ludlow Mountain |
| Ycs | Calc-silicate rocks including hornblende-diopside gneiss, calcite marble, calcite-diopside marble, tremolite-calcite or tremolite-dolomite marble, scapolite rock, scapolite-phlogopite dolomite marble, plagioclase-microcline-diopside-quartz-calcite granofels or gneiss |
| Ym | Calcite marble |
| Ydm | Orange-tan dolomite marble, gray phlogopite-dolomite marble |
| Ydq | White, diopside quartzite |
| Ybcg | Clinzoisite-biotite-actinolite-plagioclase-quartz gneiss |

CORRELATION OF MAP UNITS



Topography from the Weston, VT quadrangle (1986 edition)
Contour interval 6 meters
Map projection is Universal Transverse Mercator
Digital map units in State Plane Coordinate System
National Geodetic Horizontal Datum of 1927
Roads from the Vermont Center for Geographic Information, Inc.



Geology mapped by Ratcliffe in 1989-1995 and Burton in 1989.
Digitized by Burton and Thomas Merrifield.



Digital Bedrock Geologic Map of the Weston Quadrangle, Vermont

by
N.M. Ratcliffe¹ and W.C. Burton¹
1996

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Explanation of Map Symbols

- Contacts
- █ Outcrops (areas of exposed bedrock examined in this study)
- ⇩ Thrust fault, teeth on upper plate

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Government.
Plates 1 and 2 are part A and the database is part B of this Open-File Report. Both parts are available from the Vermont Geological Survey, telephone (802) 241-3466.