

GEOLOGICAL MAP OF THE MIDDLE GRANVILLE (N.Y.)-LAKE ST. CATHERINE (VT.) AREA, NORTHERN TACONIC ALLOCHTHON

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STRATIGRAPHY

WESTERN REGION (west of the South Poultney Thrust)	EASTERN REGION (east of the South Poultney Thrust)
9 Pawlet Formation	9 Pawlet Formation
8 Mount Merino Formation	8 Mount Merino Formation (rarely observed)
7 Indian River Formation	7 Indian River Formation
6 Poultney Formation	6 Poultney Formation
5 Hatch Hill - West Castleton Formations (undifferentiated)	Absent
4 Mettawee Slate Formation	2b Bullfrog Hollow Lithozone 3a Browns Pond Formation(?) 2a Bullfrog Hollow Lithozone (2a includes both lithofacies A and B. 2b is predominantly lithofacies-B. See text.)
3 Browns Pond Formation	
2 Truthville Slate Formation	Included in the Bullfrog Hollow Lithozone
1 Bomoseen Formation	Not Observed

SYMBOLS

- Bedding (S_0)
- Inclined, Vertical without younging evidence
 - Inclined, Overturned
 - Parallel to S_2
- Axial Surface Foliations & Fold Axial Surfaces
- F_1 axial surface (S_1 not observed)
 - S_2 & F_2 Inclined, Vertical
 - S_3 & F_3 Inclined, Vertical
 - S_4 Inclined (kink-fold boundary)
 - Secondary Layering
- Linear Structures
- Current Lineation (polarity unknown)
 - F_2 & possibly F_1 fold hinges & L_2
 - F_3 & L_2 fold hinges
 - F_4 fold hinges
- Faults
- Mesoscopic Faults & Fault-Related Lineations
 - T_1 Early Thrust Fault
 - T_2 & T_3 (stratigraphically constrained)
 - T_2 & T_3 (geometrically probable)
- Stratigraphic Contact (inferred)
- Observed Outcrop
 - Scattered Outcrop & Significant Float
 - Slate Quarry
 - Quarry Dump ('tip')
- A—A' Line of Cross Section (Plate II)
- Jurassic(?) Diabase Dikes
 - Fossil Localities (Graptolites)

