



Geology by K. F. Bick

Base from U.S.G.S. 15' Quadrangle

EXPLANATION

- Upper Devonian**
 - Dch Chemung formation
- Middle Devonian**
 - Db Brallier shale
 - Dm Millboro shale (including Onondaga fm. in southeast)
- Lower Devonian**
 - Dri Ridgely sandstone (including Onondaga fm. in northwest)
 - Dh Helderberg group (Coeymans ls.; New Scotland ls.; Licking Creek ls.)
- Upper Silurian**
 - Sk Keyser limestone
 - Scy Cayuga group (McKensie ls.; Wills Creek fm.; Tonoloway ls.)
- Middle Silurian**
 - Scl Clinton formation
- Lower Silurian**
 - Sc Clinch sandstone
- Upper Ordovician**
 - Oj Juniata formation
 - Omb Martinsburg formation
 - Oe Edinburg formation (Lantz Mill facies)
- Middle Ordovician**
 - Ocr Moccasin formation
 - Omc McGlone formation
 - Obv Big Valley formation
 - Ol Lincolnshire limestone
 - Olu Lurich formation (Basal clastics; Five Oaks mem.)
- Lower Ord.**
 - Ob Beekmantown dolomite

- CONTACTS**
- exposed
 - - - approximate
 - · · covered

- FAULTS**
NORMAL AND REVERSE
- U / D exposed
 - - - U / D approximate
 - U - upthrown side
 - D - downthrown side

- THRUST**
- T — exposed
 - - - approximate
 - T overthrust side

- ATTITUDE OF ROCKS**
- 60 Strike and dip of beds
 - 60 Strike and dip of overturned beds
 - X Strike of vertical beds
 - ⊕ Horizontal beds

