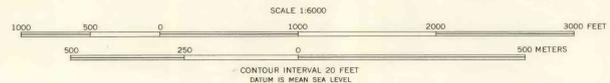


GEOLOGIC MAP AND SECTIONS OF EAST END OF MARQUETTE SYNCLINORIUM, MARQUETTE COUNTY, MICHIGAN



EXPLANATION

- Exposed areas shown by darker shade
  - Jacobsville Sandstone
  - Diabase
  - Metadiabase (?)  
May be highly altered diabase of Keweenaw age
  - Metadiabase and metagabbro
  - Kema Dolomite  
qt, quartzite and dolomitic quartzite interbeds  
sl, slate interbeds  
sl, siliceified zone  
slg, local sigmoid structures in dolomite; dot indicates point of observation  
aks, lower unit, predominantly slate; locally contains beds of dolomite
  - Momont Quartzite  
Crossbeds and ripple marks in places show top direction of flow
  - Enchantment Lake Formation
  - Compeau Creek Gneiss
  - Mons Schist
- 
- Limit of outcrop or outcrop area
  - Contact  
Long dashed where approximately located; short dashed where inferred; dotted where doubtful
  - Fault  
Long dashed where approximately located; short dashed where inferred; dotted where doubtful
  - Anticline  
Showing approximate trace of axial plane, and direction of plunge of axis
  - Syncline  
Showing approximate trace of axial plane, and direction of plunge of axis
  - Plunge of fold axis
  - Strike and dip of beds  
Includes beds possibly overturned
  - Strike and dip of overturned or probable overturned beds
  - Strike of vertical beds
  - Horizontal beds
  - Strike and dip of beds and plunge of fold axis
  - Top of beds shown by crossbedding
  - Top of beds shown by ripple marks
  - Strike and dip of foliation in lower Precambrian rocks and of cleavage in middle Precambrian rocks
  - Strike of vertical foliation in lower Precambrian rocks and of vertical cleavage in middle Precambrian rocks
  - Bearing and plunge of lineation
  - Strike and dip of foliation or cleavage, and plunge of lineation
  - Strike and dip of joints
  - Strike of vertical joints
  - Note: Structure symbols not within limits of outcrop refer to nearest outcrop
  - Test pit
  - Abandoned quarry

