MARQUETTE DISTRICT

Van Hise and Bayley (1897)

- Precambrian
  - Algonkian
    - Upper Marquette Series
      - Intrusive rocks of pre-Clarksburg and post-Clarksburg ages
      - Clarksburg Formation
      - Michigamme Formation
      - Ishpeming Formation including Bijiki Schist and Goodrich quartzite
      - Unconformity
    - Lower Marquette Series
      - Negaunee Formation
      - Siamo Slate
      - Ajibik Quartzite
      - Wewe Slate
      - Kona Dolomite
      - Mesnard Quartzite
      - Unconformity
  - Archean
    - Basement complex
      - Mafic and silicic dikes; peridotite
      - Hornblende syenite
      - Gneissoid granites
      - Intrusive contact
      - Kitchi Schists
      - Mona Schists

Van Hise and Leith (1911)

- Precambrian
  - Algonkian System
    - Huronian Series
      - Intrusive igneous rocks of Keweenawan age
      - Upper (Animikie group)
        - Intrusive igneous rocks
        - Clarksburg Formation
        - Michigamme Slate
        - Bijiki Schist
        - Goodrich quartzite
        - Unconformity
      - Middle
        - Negaunee Formation
        - Siamo Slate
        - Ajibik Quartzite
        - Unconformity
      - Lower
        - Wewe Slate
        - Kona Dolomite
        - Mesnard Quartzite
        - Unconformity
  - Archean System
    - Laurentian Series
      - Granite, syenite, peridotite
      - Palmer Gneiss
      - Intrusive contact
    - Keewatin Series
      - Kitchi Schist
      - Mona Schist

Leith, Lund, and Leith (1935)

- Precambrian
  - Algonkian type
    - Huronian
      - Mafic intrusives of Keweenawan age
      - Upper
        - Michigamme Slate
        - Upper slates
        - Bijiki iron-formation member
        - Lower slates
        - Lower slates
        - Clarksburg Volcanics
        - Greenwood iron-formation
        - Goodrich Quartzite
        - Unconformity
      - Middle
        - Negaunee iron-formation
        - Siamo Slate
        - Ajibik Quartzite
        - Unconformity
      - Lower
        - Wewe Slate
        - Kona Dolomite
        - Mesnard Quartzite
    - Knife Lake time
      - (No equivalent rocks)
      - Unconformity
  - Archean type
    - Laurentian
      - Granite, syenite, peridotite
      - Palmer Gneiss
      - Intrusive contact
    - Keewatin
      - Kitchi Schist
      - Mona Schist

GOGEBIC DISTRICT

Leith, Lund, and Leith (1935)

- Precambrian
  - Algonkian type
    - Huronian
      - Sedimentary, volcanic, and intrusive rocks of Keweenawan age
      - Unconformity
      - Upper
        - Tyler Slate
        - Unconformity
      - Middle
        - Ironwood iron-formation
        - Palms Quartzite
        - Unconformity
      - Lower
        - Bad River Dolomite
        - Sunday Quartzite
    - Knife Lake time
      - (No equivalent rocks)
      - Unconformity
  - Archean type
    - Laurentian
      - Granite and granitoid gneiss
      - Intrusive contact
    - Keewatin
      - Greenstones and greenschists

IRON AND DICKINSON COUNTIES

James (1958)

- Upper Precambrian
  - Keweenawan Series
    - Diabase dikes and sills
- Middle Precambrian
  - Animikie Series
    - Granitic intrusive rocks
    - Metadiabase and metagabbro
    - Intrusive contact
    - Paint River Group
      - Fortune Lakes Slate
      - Stambaugh Formation
      - Hiawatha Graywacke
      - Riverton iron-formation
      - Dunn Creek Slate
    - Baraga Group
      - Badwater Greenstone
      - Michigamme Slate
      - Fence River Formation
      - Hemlock Formation
      - Goodrich Quartzite
      - Unconformity
    - Menominee Group
      - Vulcan iron-formation
      - Felch Formation
      - Unconformity
    - Chocolay Group
      - Randville Dolomite
      - Sturgeon Quartzite
      - Fern Creek Formation
      - Unconformity
- Lower Precambrian
  - Gneissic granite
  - Dickinson Group
    - Amphibolite
    - Schist
    - Arkose
    - Gneisses and greenstones of uncertain position
  - Granite gneiss
  - Quartzite and schist

MARQUETTE AND SANDS QUADRANGLES

Present report

- Upper Precambrian
  - Keweenawan Series
    - Diabase dikes
      - Peridotite, Pegmatite } age uncertain
      - Mafic intrusive rocks of uncertain age
- Middle Precambrian
  - Animikie Series
    - Menominee Group
      - Siamo Slate
      - Ajibik Quartzite
      - Unconformity or Disconformity
    - Chocolay Group
      - Wewe Slate
      - Kona Dolomite
      - Mesnard Quartzite
      - Enchantment Lake Formation
      - Unconformity
- Lower Precambrian
  - Metamorphosed mafic intrusive rocks of uncertain age—may be partly or entirely of Animikie age
  - Intrusive contact
  - Compeau Creek Gneiss and related dikes
  - Intrusive contact
  - Metamorphosed mafic intrusive rock
  - Intrusive contact
  - Mona Schist including Lighthouse Point Member

STRATIGRAPHIC SECTIONS OF PRECAMBRIAN ROCKS IN PARTS OF NORTHERN MICHIGAN