



EXPLANATION

- Huronian**
- hw** Hanging-wall strata  
Mostly graywacke and slate
  - if** Iron-formation  
Chert and siderite, or chert and hematite
  - fw** Footwall strata  
Mostly graphitic and gray slates
  - gs** Greenstone  
Mainly altered basaltic extrusive rocks
- Age uncertain**
- PRE-CAMBRIAN**
- Magnetic anomaly**

- Geologic contact, approximately located
- Inferred geologic contact
- Fault, approximately located, dotted where concealed
- Inferred fault
- Strike and dip of beds
- Strike of vertical beds
- Strike and dip of cleavage
- Strike of vertical cleavage
- Bearing and plunge of lineation
- Pillow structure in greenstone  
Arrow shows top direction

- FAIRBANKS**
  - Mine shaft at surface
  - Caved area over mine workings or open pit
  - Test pit, bottomed in rock
  - Vertical drill hole
  - Inclined drill hole
  - Outcrop
  - Swamp
- TRUE NORTH  
MAGNETIC NORTH

GEOLOGY OF THE NORTHERN CRYSTAL FALLS AREA  
IRON COUNTY, MICHIGAN

Base modified from Crystal Falls  
and Fortune Lakes quadrangles

Geology by F. J. Pettijohn, 1943-1948

