

EXPLANATION

SEDIMENTARY ROCKS

- QUATERNARY**
  - Recent
    - RECENT ALLUVIUM  
Gravel, sand, and silt.
  - Pleistocene
    - GLACIAL DEPOSITS AND TERRACE GRAVEL  
Glacial drift, lacustrine silt and clay, and fluvial gravel.
- PRECAMBRIAN**
  - Belt Series
    - MISSOULA GROUP  
Grey-colored quartzitic sandstone overlying Purcell lava. Two flows near the base of the Missoula group separated by 150 feet of green-grey and bluish-grey argillite and quartzite.
    - PIEGÁN GROUP  
Grey-green argillite and calcareous argillite in lower section followed by dark-to medium-grey molar-tooth limestone. Upper beds are largely pale-green argillite and argillaceous quartzite. Mapped as Kitchnersiyeh by Schofield.
    - RAVALLI GROUP  
Grey-weathering magnetite-bearing medium- to light-grey quartzite and quartzitic argillite with some interbedded and laminated green-grey quartzitic argillite.
    - PRICHARD FORMATION  
Lowest mapped beds are grey-brown and white sericitic quartzite with some greyish-brown sandstone. Considerable garnet-bearing sericitic and biotized schists. Upper strata are biotite-bearing grey and blue-grey argillites; weathers rusty brown.

IGNEOUS ROCKS

- PRECAMBRIAN**
  - PURCELL BASALT  
Dark grey-green porphyritic and amygdaloidal lava
  - METAGABBRO AND METADIORITE SILLS

CONTACTS

- Established Probable Inferred

FAULTS

- Established Probable Inferred

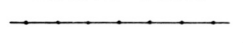
SYNCLINE



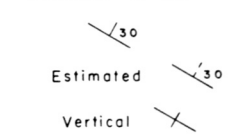
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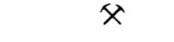
QUARTZ VEINS



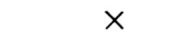
STRIKE & DIP



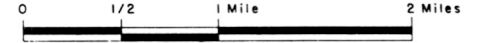
MINES



PROSPECTS

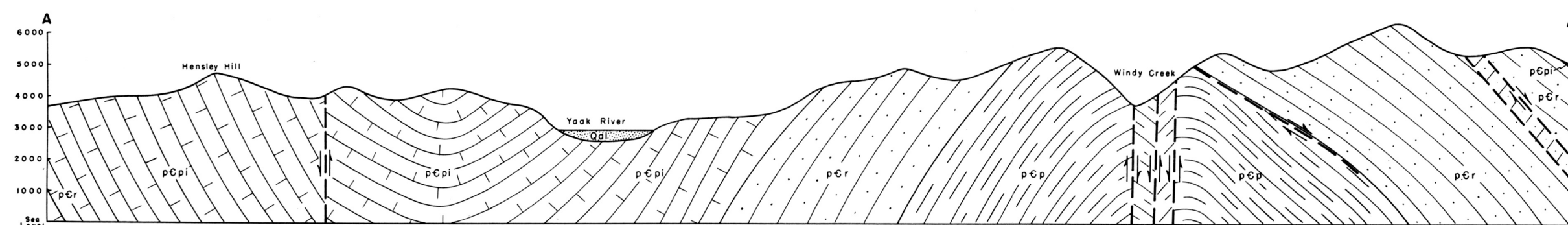
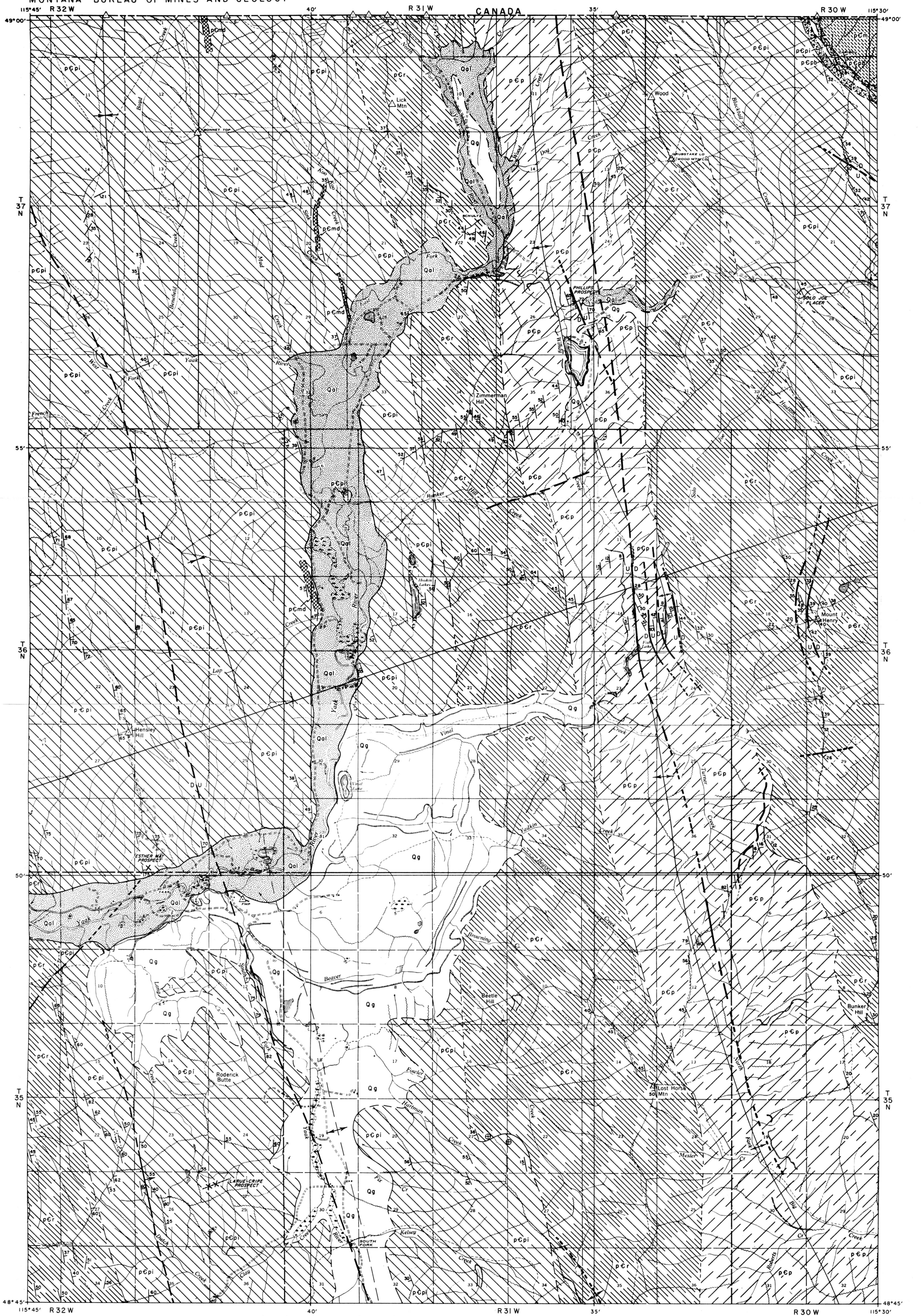
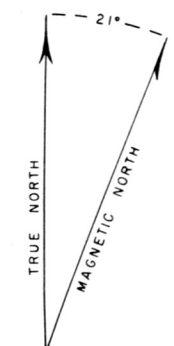


SCALE



GEOLOGY BY W. M. JOHNS,  
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BASE FROM U.S. FOREST SERVICE  
MAP 815-2-1



GEOLOGIC MAP YAAK RIVER NE QUADRANGLE  
LINCOLN COUNTY, MONTANA