

EXPLANATION

QUATERNARY

- ALLUVIUM**
Recent gravel, sand, and silt. Some Pleistocene outwash.
- GLACIAL SILT**
Loessine silt and clay.
- GLACIAL MORaine**
Drift, gravel, and some alluvial fan material.
- MISSOULA GROUP**
pCm₂, Kintla Formation. Greenish-grey fine-grained quartzite with interbedded greyish-red mud-cracked argillite with silt casts.
pCm₁, Shepard Formation. Light-grey cross-bedded dolomitic quartzite with interbedded stromatolitic dolomite and dolomitic argillite.
- PIEGAN GROUP**
pCp₃, Upper Piegian. Greyish-green and greyish-red argillite with minor quartzite, stromatolites.
pCp₂, Middle Piegian. Grey silty, calcareous dolomite with interbedded dolomitic argillite and quartzite. Stromatolites.
pCp₁, Lower Piegian. Grey-green calcareous mud-cracked argillite.
- RAVALLI GROUP**
Grey and greenish-grey argillite and light-grey purple-banded quartzite, commonly mud-cracked or ripple-marked.

PRECAMBRIAN

CONTACTS

Established ———— Inferred - - - -

FAULTS

Established ———— Inferred - - - -

SYNCLINE

↑

ANTICLINE

↓

QUARTZ VEIN

—X—

STRIKE & DIP

↘ 30°

Horizontal ⊕

TRIANGULATION STATION

△

TRIANGULATION STATION AND PERMANENT LOOKOUT STATION

△

RIDGE LINE

—X—

MINE

⊗

SAND or GRAVEL PIT

⊗

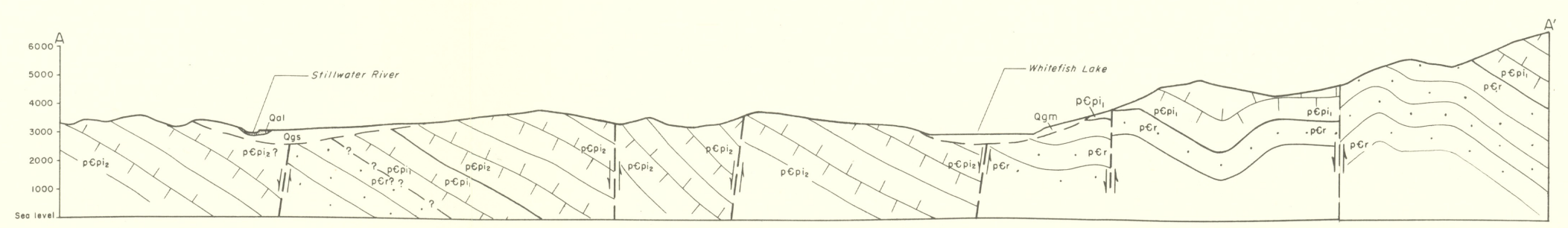
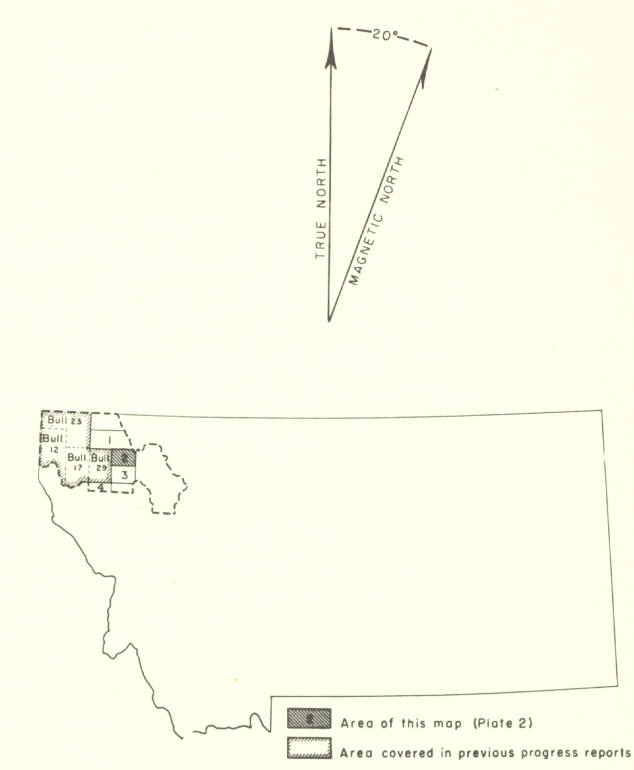
SCALE

0 1/2 2 Miles

1962

BASE FROM U.S. FOREST SERVICE MAPS 814-4-1 & 814-4-2

GEOLOGY BY WILLIS M. JOHNS



GEOLOGIC MAP OF WHITEFISH AND COLUMBIA FALLS QUADRANGLES
FLATHEAD COUNTY, MONTANA