



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



LEGEND

- PROTEROZOIC OR LATER**
- 14** Mylonite
- HELIKIAN**
- 13** ATHABASCA FORMATION
- APHEBIAN OR EARLIER**
- 12** Granite
- 11** Granodiorite
- 10** Pyroxenite
- AMPHIBOLITE FACIES**
- 8 9** 9. Biotite gneiss; 9a, leucocratic; 9b, mesocratic
8. Hornblende gneiss; 8a, mesocratic; 8b, melanocratic, amphibolite
- AMPHIBOLITE FACIES WITH RELICS OF GRANULITE FACIES**
- 5 6 7** 7. Leucocratic quartz-rich biotite gneiss
6. Mesocratic quartz-rich biotite gneiss
5. Amphibole-pyroxene-biotite gneiss
- GRANULITE FACIES, PARTLY RETROMETAMORPHOSED TO AMPHIBOLITE FACIES**
- 1 2 3 4** 4. Pyroxene amphibolite
3. Garnet-sillimanite (-pyroxene) (-biotite) gneiss
2. Leucocratic garnet (-pyroxene) gneiss, minor quartzite and iron-formation
1. Pyroxene-garnet gneiss; 1a, massive equivalent

- Drift-covered areas
Partially drift-covered areas
Geological boundary (defined or approximate, assumed)
First foliation, gneissosity (horizontal, inclined, vertical, dip unknown)
Second foliation (inclined, vertical, dip unknown)
Lineation, axes of minor folds (horizontal, inclined)
Lineament (from air-photograph)
Fault
Escher
Raised beach
Dunes
Locality where age has been determined, in millions of years
Mineral prospect or mineral occurrence X Cu

MINERALS

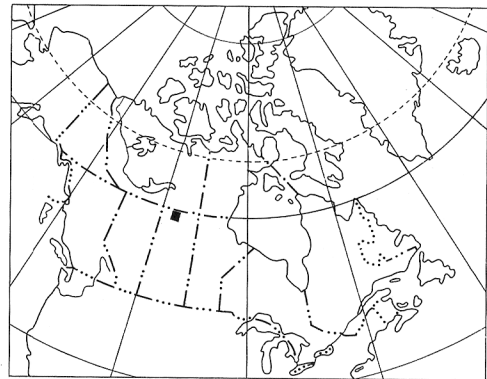
Cobalt Co Nickel Ni
Copper Cu Radioactive minerals ra
Gold Au

Geology by A.J. Baer, 1967 with information from G.L. Colborne (1962)

Topographic base-map at the same scale published by the surveys and Mapping Branch in 1963.

This preliminary edition was drafted without compilation from copy submitted by the author and may be subject to revision and correction.

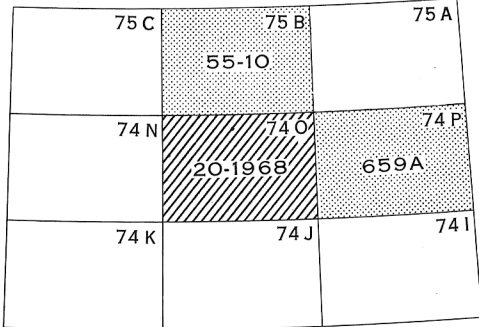
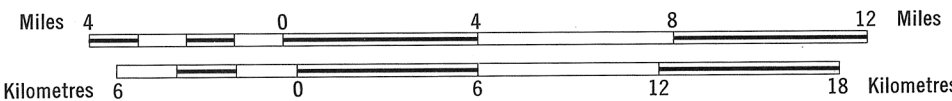
Magnetic declination 1968 varies from 21°47' easterly at centre of east edge to 24°00' easterly at centre of west edge. Mean annual change, decreasing 3.8'.



INDEX MAP

MAP 20-1968
PAPER 68-61
GEOLOGY
FOND-DU-LAC
SASKATCHEWAN

Scale 1:250,000



FOND-DU-LAC
SASKATCHEWAN

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