

LEGEND

RECENT AND PLEISTOCENE

Sand, silt, clay.

PALEOZOIC

Argillaceous limestone, calcareous sandstone.

PRECAMBRIAN

KISSEYNEW SEDIMENTARY GNEISS BELT POST-SHERRIDON INTRUSIVE GROUP

K3

Pyroxenite, gabbro.

K5

Pink granodiorite gneiss. In part represents granitized portions of unit K3.

K4

White, grey, gneissic quartz monzonite and granodiorite, derived in part from unit K1.

(Intrusive Contact)

SHERRIDON GROUP

K3

Siliceous paragneisses derived from monotonous sequence of arkosic to quartzitic sedimentary rocks, possibly equivalent to unit A6. Includes undifferentiated material transitional into unit K5.

Disconformity

NOKOMIS GROUP

K2

Hornblende-plagioclase gneisses.

K1

Intermediate garnetiferous paragneisses derived from a repetitious sequence of greywacke and argillite, possibly equivalent to unit A3. Includes migmatitic and granuloid phases.

BASEMENT GROUP

K0

Variable sequence of metamorphosed granitoid paragneisses.

FLIN FLON-SNOW LAKE GREENSTONE BELT

POST-MISSI INTRUSIVE GROUP

A8

Intrusive phases of A7. Variable composition.

A7

Granodiorite and quartz diorite, generally gneissic. Large portions represent granitized sedimentary rocks of unknown age.

(Intrusive Contact)

MISSI GROUP

A6

Arkose, greywacke, quartzite. Basal conglomerates common.

POST-AMISK INTRUSIVE GROUP

A5

Gabbro and diorite often with ultrabasic phases. Commonly differentiated. Includes rocks of several ages and diverse origins.

A4

Granitic rocks with characteristic blue quartz phenocrysts.

(Intrusive Contact)

AMISK GROUP

A3

Argillite, greywacke, tuff. Turbidites common in the eastern region.

A2

Rhyolite, dacite, quartz porphyry. Includes acidic crystal tuff and siliceous, carbonate-rich tuff.

A1

(a) Basic to intermediate fragmental volcanic rocks, interbedded with unit A1a.

(b) Predominantly pillowed basalt and andesite. Includes many small related intrusions.

SYMBOLS

Geological contact

Fault

Northern boundary of volcanic belt

Northern boundary of Paleozoic rocks

Linear swamps (Airphoto Lineament) in places may correspond to major faults.

Fractures (Airphoto Lineament)

Foliation And/or Layering (Airphoto Lineament)

Underground exploration

Mineral deposit

Mined out deposit

Producing deposit

Developing deposit

COPPER-ZINC SULPHIDE DEPOSITS

VOLCANIC BELT

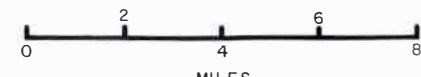
- 1 FLIN FLON
- 2 MANDY
- 3 SCHIST LAKE
- 4 CUPRUS
- 5 WHITE LAKE
- 6 PINE BAY
- 7 NORTH STAR
- 8 LUCILLE LAKE
- 9 GRASS RIVER
- 10 DICKSTONE
- 11 BOMBER
- 12 CHISEL LAKE
- 13 GHOST LAKE
- 23 COPPER-MAN
- 24 POT LAKE
- 25 CENTENNIAL
- 26 REED LAKE
- 27 RAIL LAKE

TRANSITIONAL

- 14 JOANNIE LAKE
- 15 ANDERSON LAKE
- 16 STALL LAKE
- 17 LITTLE STALL LAKE

SEDIMENTARY GNEISS BELT

- 18 OSBORNE LAKE
- 19 SHERRIDON
- 20 JUNGLE
- 21 BOB LAKE
- 22 WIM LAKE



GEOLOGIC COMPILATION OF THE SNOW LAKE-FLIN FLON-SHERRIDON AREA

