



MAP EP 79-1-1  
FLIN FLON - SNOW LAKE  
GROUND GEOPHYSICAL COMPILATION

LEGEND

RECENT AND PLEISTOCENE

Sand, silt, clay.

PALEOZOIC

Argillaceous limestone, calcareous sandstone.

PRECAMBRIAN

KISSEYNEW SEDIMENTARY GNEISS BELT  
POST - SHERRIDON INTRUSIVE GROUP

K6

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 arkasic 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 granitoid phases.

BASEMENT GROUP

Variable sequence of metamorphosed granitic 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 conglomerate 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.

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

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

SYMBOLS

Geological contact  
Fault  
Northern boundary of volcanic belt  
Northern boundary of Palaeozoic rocks

MINERAL DEPOSITS / OCCURRENCES

AG - Silver  
AS - Asbestos  
AU - Gold  
CU - Copper  
MO - Molybdenum  
NI - Nickel  
PYR - Pyrites  
TLC - Talc  
W - Tungsten  
ZN - Zinc

Mined out deposit  
Producing deposit  
Developing deposit  
Underground exploration  
Mineral deposit

GEOPHYSICAL ANOMALIES

GROUND ANOMALIES  
E.M. Anomaly (Strong, Medium, Weak)  
GROUND GEOPHYSICAL COVERAGE

SUB AREAS  
A,B,C,...ZZ

GEOGRAPHICAL COMPILATION BY I.T.HOSAIN, 1979  
MINERAL DEPOSITS / OCCURRENCES BY J.D.BAMBURAK, 1979  
GEOLOGICAL BASE MAP BY A.BAILES, 1970  
CARTOGRAPHY BY D.KLEINHOLZ, 1979

SCALE 1:100,000  
Kilometres 0 1 2 3 4 5 6 7  
Miles 0 1 2 3 4 5

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To accompany Economic Geology paper