Manitoba
Department of Mines and Natural Resources
MINES BRANCH

HUGHES-OWENS
313 1102

Ref. or Drawing No. 51-3
DETAILS Bird River Area

—LEGEND—

ARCHAEAN

RICE LAKE GROUP

- Pink microcline granite, quartz monzonite
- Grey impure "granite", quartz diorite; contains basic inclusions and is intruded by masses of pink granite 8
- Hornblende gabbro, anorthositic gabbro, Bo - gabbro partly recrystallized and injected by irregular masses and dikes of granite and felsite
- Peridotite
- Feldspathic quartzite
- Conglomerate
- Rhyolite, dacite; port porphyritic, some breccia
- Hornblende - plagioclase gneiss (recrystallized and granitized basalt) injected by numerous stringers of granite and felsite
- Basalt, andesite, minor chlorite schist

—SYMBOLS—

- Geological boundary (defined, assumed)
- Area of rock outcrop
- Swamp; muskeg
- Glacial drift
- Bedding (inclined, vertical)
- Schistosity (inclined, tops of flows indicated)
- Fault
- Synclinical axis
- Rapid, portage
- Graded road
- Water road logging road
- Building
- Centre of vertical aerial photograph, all from flight A-11319 except E46-E48 from A-11704 and 189-195 from A-12333

INDEX
TO MINERAL LOCALITIES

1. Chromite - Page claims
2. Chromite - Chroma claims
3. Chalcopyrite, pyrrhotite - Lucky Bay Claims
4. Quartz, pyrite
5. (a) Cassiterite, (b) pyrrhotite
6. Quartz, pyrite
7. Chromite - National and Ludin Claims
8. Beryl, molybdenite
9. Quartz, pyrite
10. Chromite - Ward Claim
11. Chalcopyrite, pyrrhotite - Angus Claims

Astronomic North
Magnetic North

Magnetic Declination 6°51' E
Decreasing 3' annually

Geology by J.F. Davies, 1951
To accompany publication 51 - 3

NOTE:
Mineral claims staked within this area are shown on Mineral Claim sheets NE 5.52-L and NW 5.52-L.

Base map compiled by Mines and Surveys Branches, Dep't of Mines and Natural Resources, Manitoba, from National Topographical Series Sheet 52-L.

MAP 51-3

BIRD RIVER AREA

LAC DU BONNET MINING DIVISION

SOUTHEASTERN MANITOBA

SCALE: 2 INCHES TO 1 MILE or 1: 31,680

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