CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES AND GEOLOGY BRANCH
BUREAU OF GEOLOGY AND TOPOGRAPHY

GEOLOGICAL SURVEY

LEGEND

PROTEROZOIC (LATE PRECAMBRIAN)

- 13 — Quartz gabbro

ARCHEAN (EARLY PRECAMBRIAN)

- 12 — Albite granite; **12a**, feldspar (albite) porphyry and quartz-feldspar porphyry; **12b**, albitite and quartz albitite
- 11 — Granodiorite porphyry
- 10 — Serpentine
- 9 — Diorite, quartz diorite, gabbro
- 7 — Mainly greywacke; tuff, iron formation; in part altered to mica schist, phyllite, chlorite schist and amphibolite; arkosic quartzite — CADILLAC GROUP
- 6 — Mainly conglomerate; greywacke
- 5 — Mainly rhyolite — BLAKE RIVER GROUP
- 4 — Mainly andesite and dacite; rhyolite, trachyte, basalt, tuff, breccia, agglomerate; **4a**, greywacke; **4b**, conglomerate; in part altered to biotite schist, chlorite schist and amphibolite
- 3 — Greywacke, minor conglomerate — KEWAGAMA GROUP
- 2 — Mainly andesite and dacite; rhyolite, trachyte, basalt, tuff, breccia — MALARTIC GROUP
- 1 — Conglomerate with beds of tuff, greywacke and rhyolite

Iron formation

Areas within which the geology is deduced from underground workings and drill-holes

Geological boundary
Flow contact
Synclinal axis
Fault, shear zone
Bedding (inclined, dip unknown)
Bedding (upper side of bed faces as indicated, direction of dip unknown)
Bedding (direction of dip known, upper side of bed unknown)
Schistosity (inclined, vertical, direction of dip unknown)
Small rock outcrop

Road and buildings
Road not well travelled
Trail
Railway (under construction)
Post Office
Power line
Township boundary
Range number — R.IV
Lot number — 25
Lake and stream (position approximate)

Names of mines and mining properties shown thus: MALROBIC

Geology by H. C. Gunning and J. W. Ambrose, 1935 and 1936.

Base-map from surveys and topography by the Topographical Survey, 1935, and from information supplied by the Quebec Department of Lands and Forests. Cartography by the Drafting and Reproducing Division, 1939.

INDEX TO SHEETS

PUBLISHED, 1940.

MAP 575A
SHEET 4
MALARTIC
(IN FOUR SHEETS)
MALARTIC AND CADILLAC TOWNSHIPS
ABITIBI COUNTY
QUEBEC

Scale, $\frac{1}{15000}$ or 1 Inch to 1500 Feet
1500 0 1500 3000 4500 Feet

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575A

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