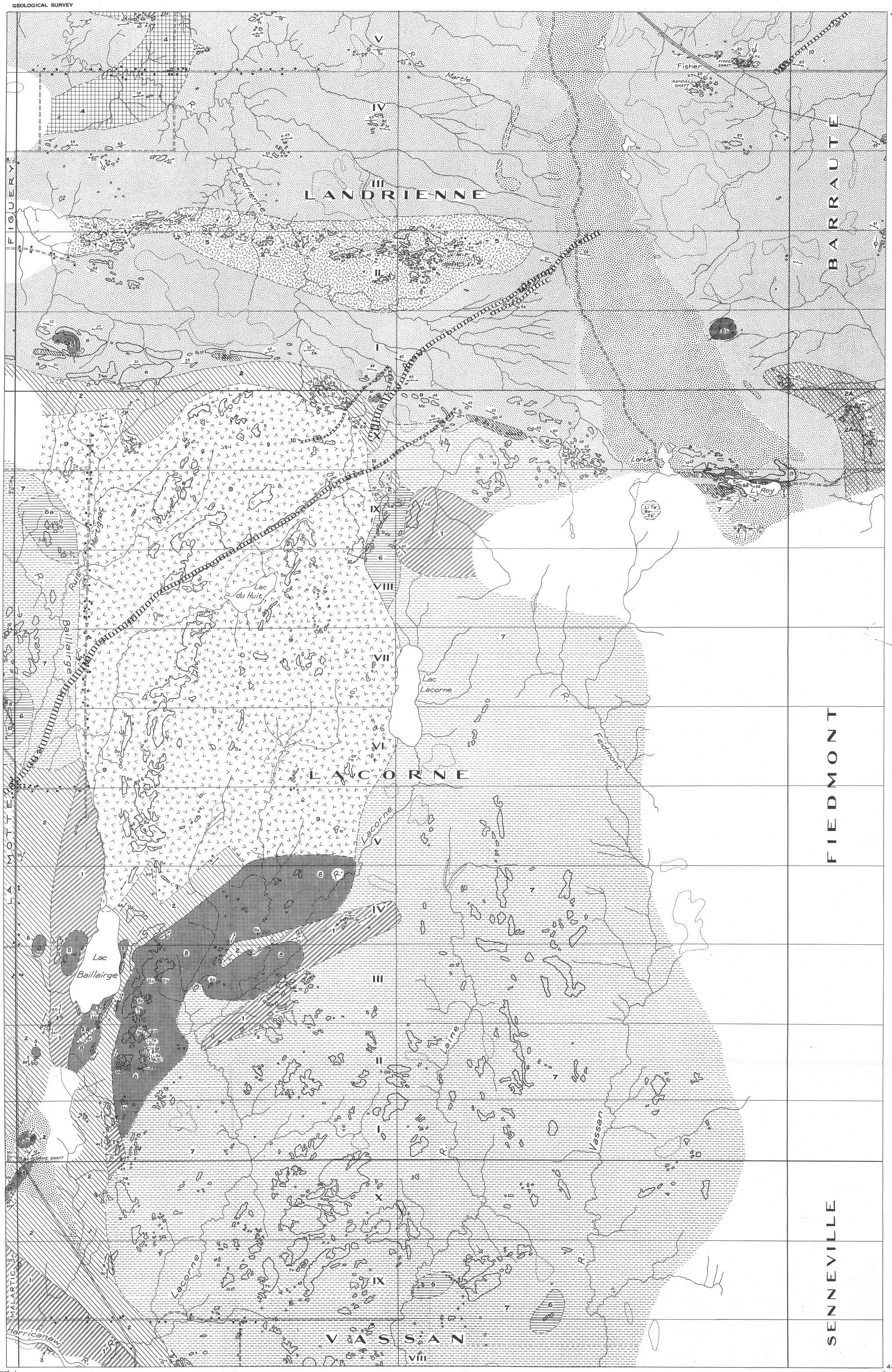
CANADA
DEPARTMENT OF MINES AND RESOURCES
MINES AND GEOLOGY BRANCH
BUREAU OF GEOLOGY AND TOPOGRAPHY
GEOLOGICAL SURVEY

48°30′



78°00′

48°15′

77°45′

LEGEND

PROTEROZOIC

10 11 — Quartz diabase, diabase

ARCHAEAN

9 — Muscovite granite, biotite granite, pegmatitic granite; 9a, pegmatite

8 — Biotite granite, quartz monzonite; minor granodiorite; 8a, with inclusions of amphibolite or hornblende schist; 8b, crushed granitic rock

7 — Diorite, hornblende syenite, biotite-hornblende granite, granodiorite; 7a, with inclusions of biotite schist; 7b, with inclusions of hornblende schist

6 — Amphibolite; minor diorite and hornblende syenite; 6a, cut by many pegmatite dykes

5 — Rhyolite porphyry, quartz porphyry, quartz-feldspar porphyry, agglomerate; 5a, with black slate, 5b, heavily mineralized rocks

4 — Amphibolite derived from gabbro

3 — Peridotite, partly altered to amphibolite and serpentine

2 — KEWAGAMA GROUP
Biotite schist; 2a, biotite schist cut by many pegmatite dykes

2A — KEWAGAMA GROUP (?)
Greywacke and biotite schist; 2Aa, conglomerate (See Note 1)

1 — MALARTIC GROUP
Hornblende schist, biotite-hornblende schist, amphibolite derived from basic to intermediate volcanic rocks

KINOJEVIS GROUP (See Note 2)
Basaltic and andesitic lavas; a, derived hornblende schist or amphibolite

Sand and gravel (eskers) .....

Rock outcrop, area of outcrop X

Carbonate zone C

Porphyry dykes, granitic dykes, heavily carbonatized rocks ... P, G, C,

Bedding (inclined, overturned) .....

Bedding (direction of dip known, upper side of bed unknown) .....

Schistosity (foliation in intrusive rocks) inclined, dip unknown .....

Glacial striae .....

MINERAL OCCURRENCES

Beryl	Be
Spodumene	Li
Columbite-tantalite	Ta
Molybdenite	Mo
Bismuth	Bi
Gold	Au

Geology by L. P. Tremblay, 1945

Note 1. The age relations of map-units 3, 4, and 5 to each other and to the Kewagama (?) conglomerate, 2Aa, are uncertain

Note 2. The Kinojevis group is probably the Malartic group repeated by folding and faulting, but may include younger rocks.

Road, well travelled .....

Road, not well travelled .....

Marsh .....

Township boundary, surveyed, ...

Compiled by the Topographical Survey
Issued 1946

PRELIMINARY MAP 46-13A

LACORNE

ABITIBI COUNTY

QUEBEC

Scale:- 2 inches to 1 mile

1 ½ 0 1 2

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