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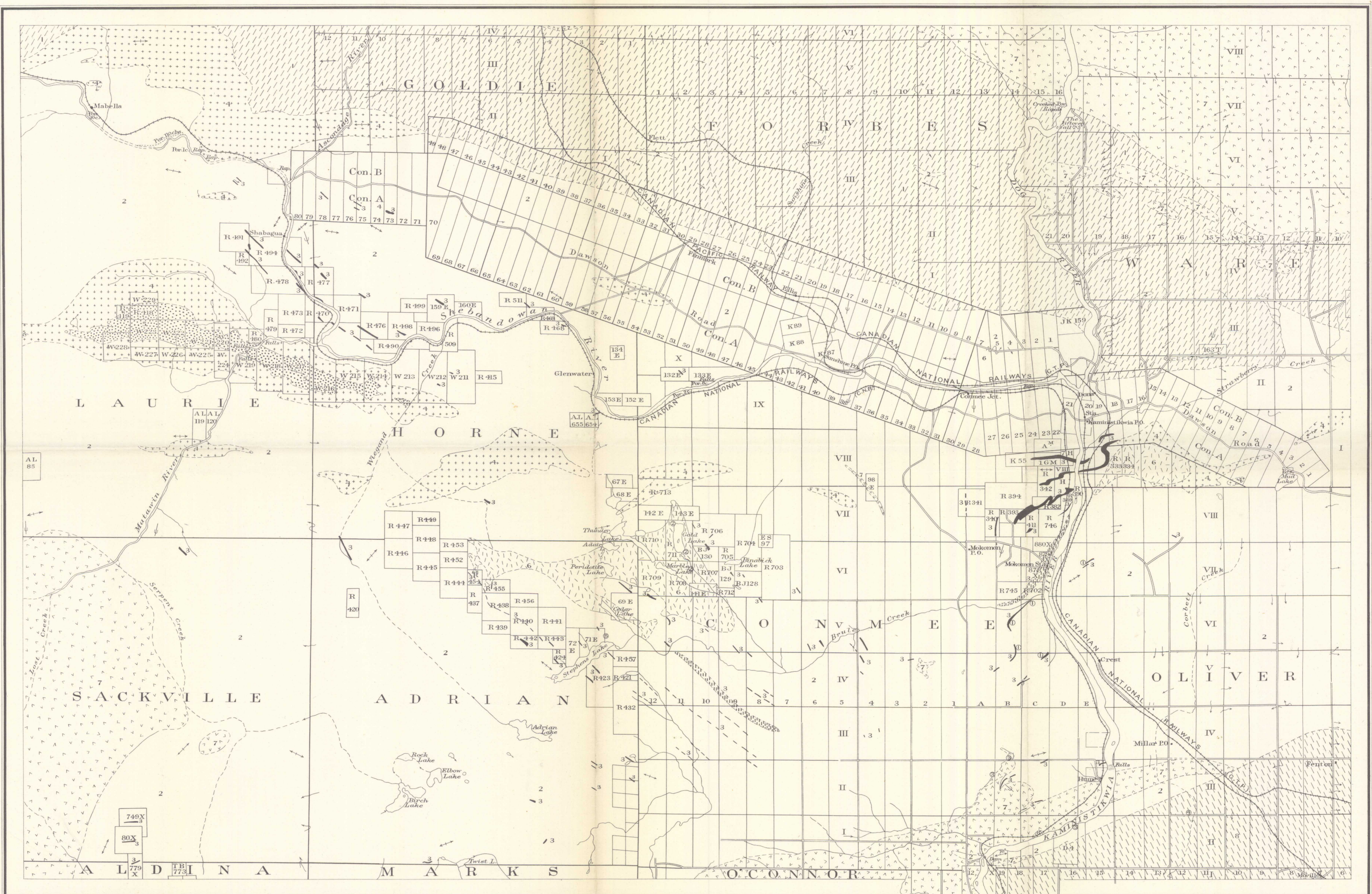
Canada
Department of Mines

HON. CHARLES STEWART, MINISTER; CHARLES CAMSELL, DEPUTY MINISTER.

GEOLOGICAL SURVEY
W.H. COLLINS, DIRECTOR.

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LEGEND

ANIMIKIE
Conglomerate, iron formation, greenstone and shaly sediments

BATHOLITHIC INTRUSIVES
Granite and granite-gneiss
Peridotite and hornblende porphyrite
Slaty iron formation
Conglomerate, greywacke, etc.

WINDIGOKAN (?)
Iron formation
(In two drift-covered areas the position has been inferred from magnetic readings)

PRECAMBRIAN BASEMENT COMPLEX
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Altered volcanic rocks, agglomerate, tuff, carbonaceous slate, ferruginous dolomite, and undifferentiated iron formation and various intrusives (Keewatin)
Banded mica schist, and paragneiss (Couchiching)

Symbols
Geological boundary (defined)
Geological boundary (Approximately located)
Dip and strike
Schistosity, dip and strike
Glacial striae

Note. Extensive areas of Pleistocene drift occur along the trend of the iron formation. Though iron formation is not represented in these areas, it probably does occur there in the undifferentiated schist complex.

One very small outcrop of amygdaloidal basalt occurs in the largely drift-covered area mapped as Animikie.

Mineral occurrences other than iron ore
① Pyrite in iron formation
② Asbestos in peridotite
③ Molybdenite in quartz vein
④ Native copper in amygdaloidal basalt
⑤ Galena, sphalerite, etc. in quartz-amethyst-calcite vein

PRECAMBRIAN

BASEMENT COMPLEX

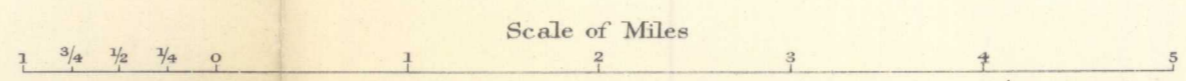
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EASTERN PART OF MATAWIN IRON RANGE, THUNDER BAY DISTRICT, ONTARIO.

To accompany report by T.L. Tanton, in Summary Report, Part C, 1924.



Sources of Information
Geology by T.L. Tanton, 1924, and magnetometric surveys by Mines Branch, Department of Mines. Basemap prepared from published map by the Department of Lands and Forests, Ontario, and surveys by T.L. Tanton, 1924.

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MATAWIN
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