GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

SHEET 65 D

LEGEND

PRECAMBRIAN

- **10** — Conglomerate, quartzite
- **9** — Basalt, diabase
- **8** — HURWITZ GROUP (7, 8) Quartzite, feldspathic quartzite, argillite; dol, dolomite; ls, limestone
- **7** — Dacite, andesite
- **6** — Granite, granodiorite, and allied rocks; probably of more than one age
- **5** — Gneissic granite and granodiorite; includes partly granitized sedimentary rocks; minor pegmatite; **5a**, inclusions of 1, 2, and 4 common
- **3** — Intercalated volcanic and sedimentary rocks 1 and 2; **3a**, granite common
- **2** — Volcanic rocks: chiefly basalt and tuff; **2a**, hornblende-feldspar gneiss; basalt in part intrusive
- **1** — Sedimentary rocks: chiefly greywacke; some quartzite; minor iron-formation; **1a**, granite common
- **4** — Paragneiss: chiefly quartz rich gneisses with various amounts of biotite, hornblende, feldspar, garnet, and pyroxene; derived from 1; **4a**, granite common

PRECAMBRIAN

- **A** — Amphibolite hornblendite*
- **B** — Gabbro, quartz gabbro, pyroxenite, anorthosite*

*Of more than one age; none known to be younger than the Hurwitz Group.

Observed rock outcrop
Bedding (inclined, overturned)
Bedding (direction of dip known, upper side of bed unknown; inclined, vertical)
Gneissosity, schistosity (horizontal, inclined, vertical, dip unknown)
Fault (defined, dip known; assumed)
Anticline (assumed trace of axial surface)
Syncline (assumed trace of axial surface)
Eskers

Geology by F.C. Taylor, 1955

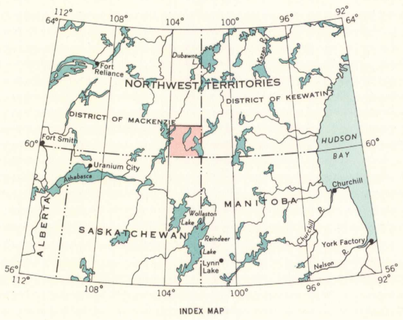
To accompany G.S.C. Memoir 333, by F.C. Taylor

Provincial boundary
District boundary
Portage
Rapids
Marsh
Reef, rock or small island
Height in feet above mean sea-level . . . 1130

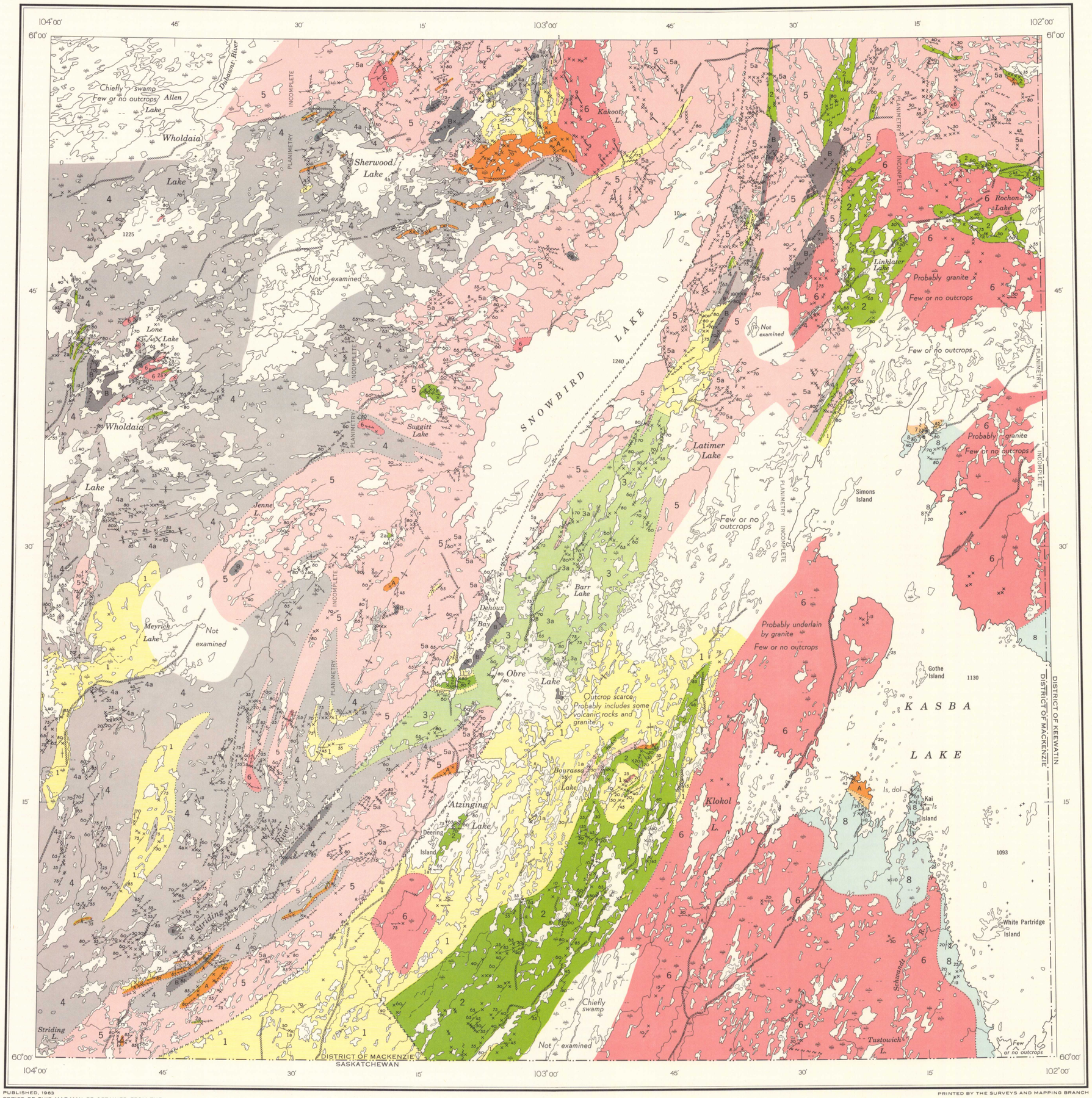
Base-map compiled by the Surveys and Mapping Branch

Cartography by the Geological Survey of Canada, 1963

Mean magnetic declination 19° 26′ East, decreasing 2.5′ annually. Readings vary from 17° 44′ E in the SE corner to 20° 54′ E in the NW corner of the map-area



INDEX MAP



PUBLISHED, 1963
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MAP 1138A

GEOLOGY

SNOWBIRD LAKE

DISTRICT OF MACKENZIE

Scale: One Inch to Four Miles = $\frac{1}{253,440}$

Miles 4 2 0 4 8 12

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