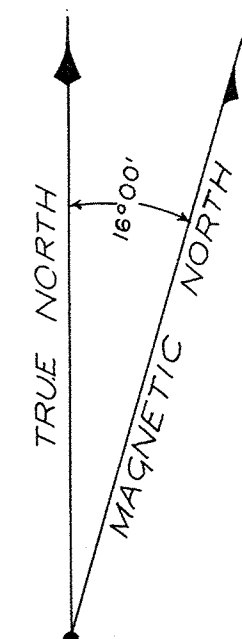


— LEGEND —

- 12** Basic Dykes
- 11** Granite
(a) gneissic biotite granite
(b) fine-grained pink granite, commonly aplitic
(c) gneissic granite, partly of igneous, partly of sedimentary origin, locally containing eschimerite and metamorphosed materials
(d) massive coarse-grained granite
(e) graphic granite and pegmatite
- 10** Diorite, quartz diorite
(a) hornblende diorite
(b) biotite hornblende quartz diorite
(c) contaminated quartz diorite
- 9** Hornblende gabbro
- SICKLE SERIES**
- 8** Biotite-hornblende-quartz-plagioclase gneiss
(a) garnet-cordierite-biotite-hornblende-quartz-plagioclase gneiss
- 7** Muscovite-biotite-quartz-plagioclase gneiss, locally sillimanitic, intruded by much pegmatite and graphic granite
- 6** Micaceous quartzite and arkose
(a) muscovite-biotite-quartz-plagioclase schist
(b) biotite-hornblende-quartz-plagioclase gneiss interbedded with quartzite
- 5** Feldspathic quartzite and arkose
(a) mica schist, actinolite schist, garnetiferous gneisses, interbedded with quartzite
- 4** Conglomerate
- WASEKWAN SERIES**
- 3** Chiefly sedimentary rocks, quartzite, argillite, greywacke, and derived metaigneous rocks, minor volcanics
(a) garnetiferous, staurolitic, and sillimanitic gneisses
- 2** Interbedded basic volcanics, full quartzite, pillow lavas and agglomerate
- 1** Chiefly basic volcanics, greenstone and greenstone schist, minor amphibolites, sediments, and pyroclastics
- +** Mixed rocks
(a) altered volcanics, amphibolite, pseudo-gabbro, sheared
(b) hornblende-plagioclase gneiss, amphibolite, sickle sediments and granitoid equivalents, garnetiferous and sillimanitic gneisses, pegmatite, biotite granite

— SYMBOLS —

- Geological boundary (defined, assumed)
- Outcrop boundary
- Swamp and muskeg
- Bedding (vertical, inclined, top of bed known)
- Schistosity, gneissosity (vertical, inclined, unknown)
- Anticlinal axis
- Synclinal axis
- Portage (15 chains)
- Fault
- Magnetic anomaly
- Cp, Py, As Occurrence of chalcopyrite, pyrite, arsenopyrite
- Glacial striae
- Centres of aerial photographs
14-18, 71-75 from 10944
220-223, 277-281 from 10945
196-199, 215-219 from 11064

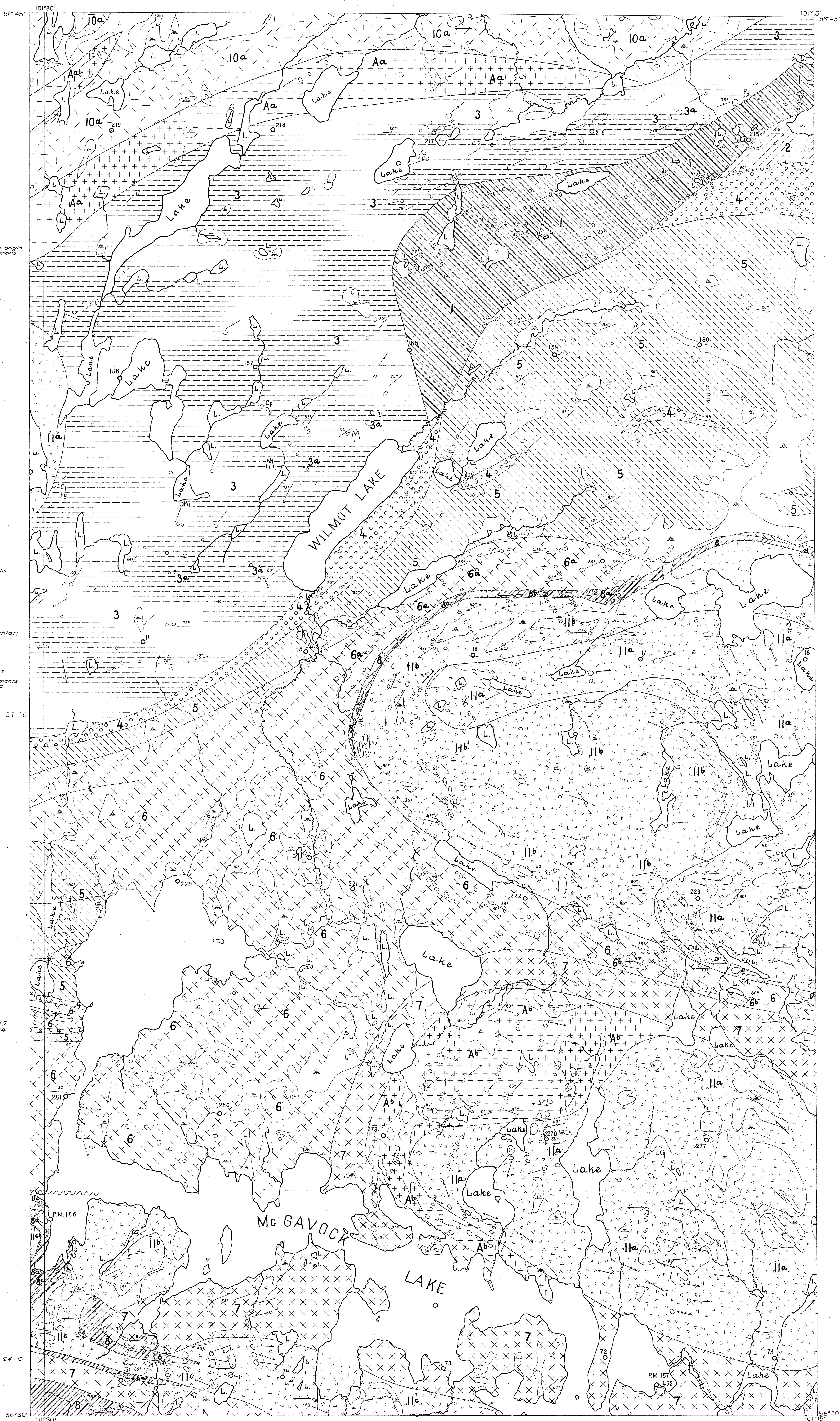


Magnetic Declination 16° E
Decreasing 6' annually

Any of the accompanying legend or symbols not appearing on this map (20-3) appear on the accompanying map (29-4).

Geology by T.A. Oliver, 1949 & 1950
to accompany publication 50-9

Mineral claims staked within the area covered by this map are shown on Mineral Claim Sheets NW.11 64-C & SW.11 64-C



Base map compiled by Mines and Surveys Branches,
Department of Mines and Natural Resources, Manitoba,
from National Topographical Series advance sheet 64c.

MAP 50-9
WILMOT LAKE AREA
NORTHERN MANITOBA

Scale: 1 inch = 1/2 mile or 1:31,680

