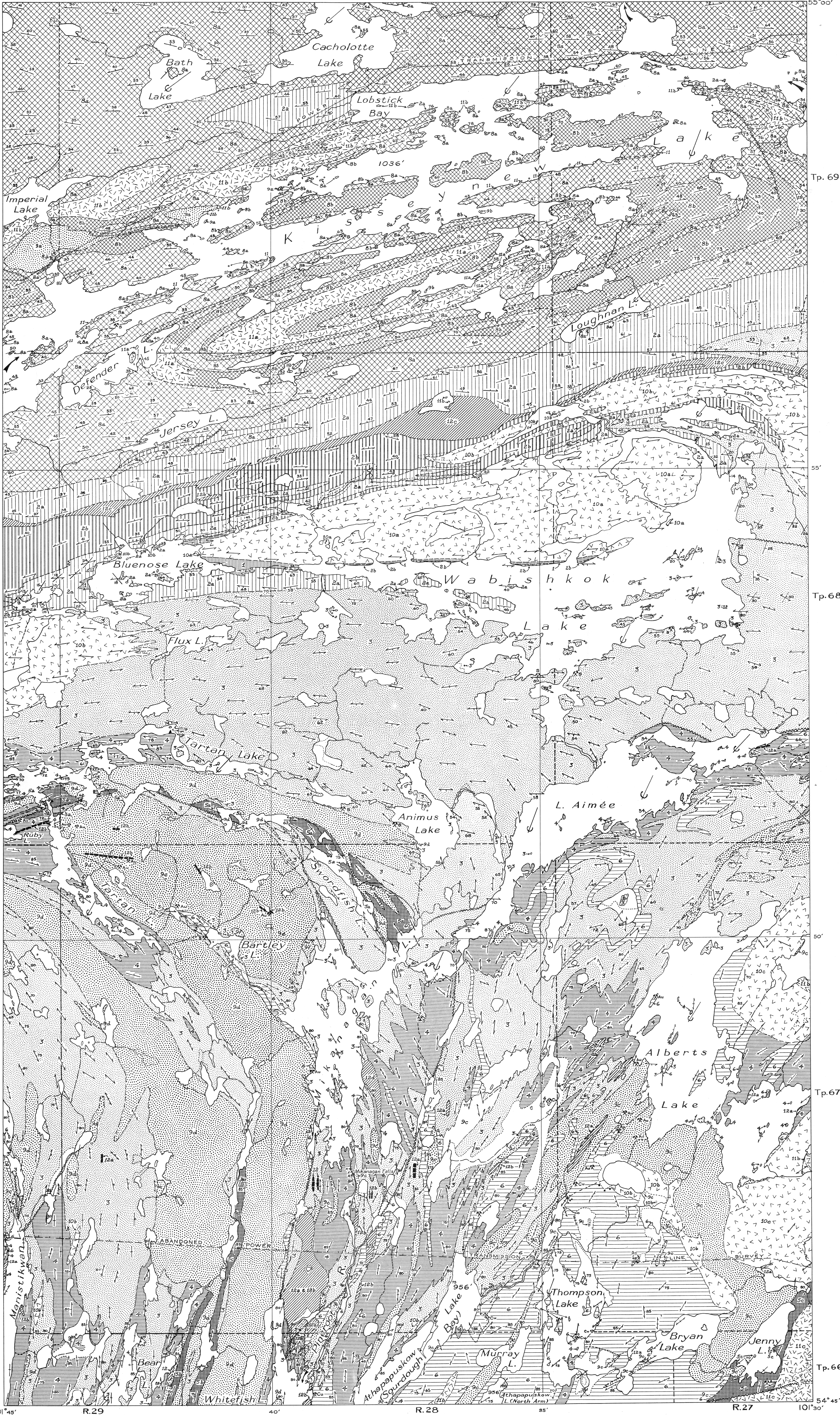


GEOLOGICAL SURVEY



LEGEND

- 12a, quartz-feldspar porphyry; 12b, feldspar porphyry;
12c, hornblende diorite; 12d, diorite porphyry
- 11a, albite granite and aplite granodiorite, pegmatite;
11b, gneissic granodiorite; 11c, quartz diorite
- 10a, granodiorite-gneiss; 10b, porphyritic granodiorite-gneiss,
some "quartz-eye" granite; 10c, severely granitized lavas, in
large part indistinguishable from granodiorite-gneiss
- 9a, norite, diorite; 9b, pyroxenite, hornblende; 9c, hornblende
metagabbro, metadiorite; 9d, basic complex of pyroxenite, horn-
blende, peridotite, hornblende metagabbro, saussurite amphibolite,
epidote-rich "quartz-eye" metagabbro, and quartz metadiorite;
9e, intrusive complex of metagabbro, pegmatitic metagabbro,
epidote-rich rock, dioritic rock, albite-zoisite rock; 9f, albite
granite and aplite related to 9e. May be in part older than 7
- Kisseynew gneiss: 8a, stratified paragneiss containing biotite,
oligoclase, and quartz, in part garnetiferous; many pegmatite
sills and dykes and small bodies of 11; 8b, granitoid gneiss,
minor pegmatite and undifferentiated 11
- Conglomerate
- 6
Rhyolite, porphyritic dacite, and minor intrusive equivalents;
rhyolitic tuff, dacitic tuff and breccia
- 5a, argillite and small amounts of schistose, bedded tuff, minor
spaced pillow lava; 5b, interbedded argillite and cherty tuff;
5c, garnetiferous grey sedimentary gneisses and minor tuff
- Andesitic tuff and breccia; minor pillow lava; derived schists
- Greenstone, chiefly altered pillow lava with small amounts of
interbedded pyroclastic rocks; minor intrusive amphibolite
- Gneisses and schists: 2a, hornblende gneiss and schist, some altered
greenstone (3); 2b, biotite metadiorite gneiss derived from 2a
- Quartz-oligoclase gneiss

- Glacial striae
- Schistosity (inclined, vertical, dip unknown)
- Schistosity (indicating tops as determined from pillows)
- Foliation (arrow indicates direction of plunge)
- Bedding (inclined, vertical, dip unknown)
- Fault
- Prospect: Au (gold), Cu (copper), S (sulphide)

Geology by J. D. Bateman 1941, J. M. Harrison 1943.

PRELIMINARY MAP 44-22A
MIKANAGAN LAKE
WEST OF PRINCIPAL MERIDIAN
MANITOBA
Scale: 2 inches to 1 mile

Compiled by the Topographical Survey
Issued 1944