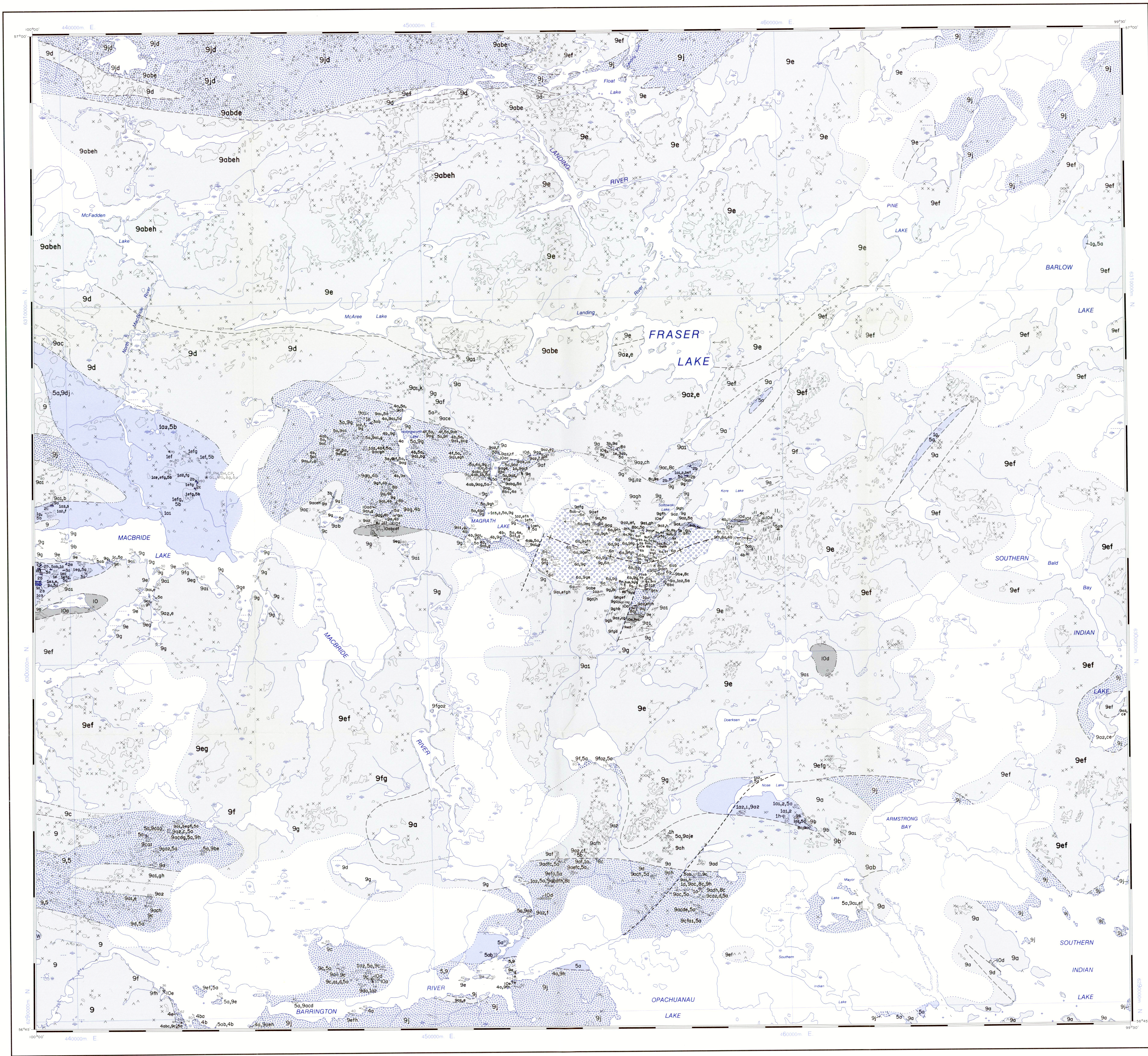
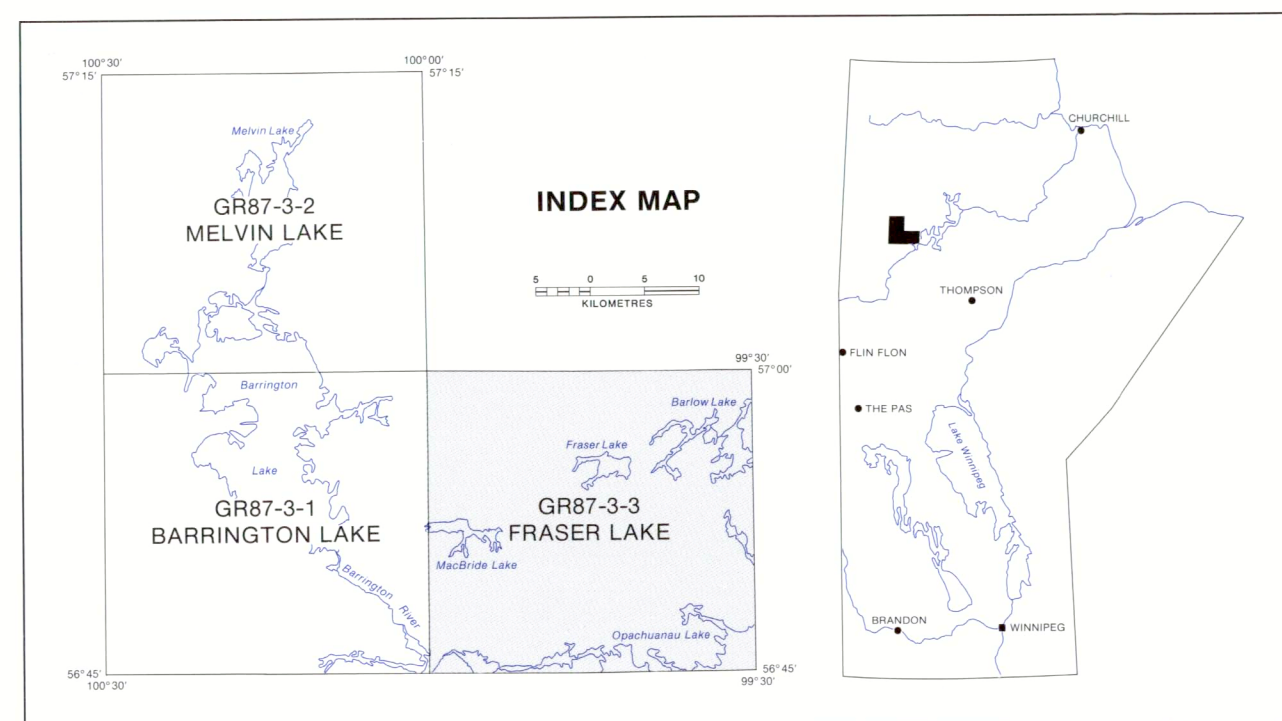




SYMBOLS



The magnetic declination at the centre of the map is approximately 9°08' East (1991) and is decreasing by 10.7' annually



LEGEND

PRECAMBRIAN

PRE- AND POST-SICKLE GROUP INTRUSIVE ROCKS

11	Granite and granodiorite, medium grained to pegmatic; related catclastite
10	Gabbro, norite, amphibolite and related gneiss; hornblende, diabase and minor diorite; 10a norite, 10b hornblende, 10c diorite; hornblende gabbro, 10d gabbro, 10e amphibolite, 10f pegmatic hornblende gabbro; 10g amphibolite, garnet amphibolite and hornblende gneiss; 10d hornblende, biotite hornblende, 10e diorite, related amphibolite and hornblende gabbro, 10f biotite diorite
9	Massive to gneissoid tonalite, quartz diorite, diorite and related gneiss; granodiorite, garnet, pegmatite and aplite; 9a tonalite, quartz diorite, 9a1 biotite tonalite and quartz diorite, 9a2 hornblende tonalite and quartz diorite; 9b pyrophyritic tonalite and quartz diorite, 9b1 hornblende tonalite and quartz diorite, 9b2 pyrophyritic tonalite and quartz diorite, 9b3 hornblende tonalite and quartz diorite; 9f granodiorite; 9f garnet; 9g pyrophyritic granodiorite and garnite; 9h gneiss; pegmatite and apite; 9i garnet and granite gneiss, massive to pyrophyritic; pegmatite and alaskite
9-1-5	9i pyroclastic tonalite and granodiorite with inclusions of 4 and 5; 9k granitoid rocks with subordinate enclaves of units 1 to 5
8	Quartz-plagioclase porphyry, felsite, tonalite; 8a quartz-plagioclase porphyry; 8b felsite; 8c fine grained tonalite and porphyritic tonalite

SICKLE GROUP

7 Conglomerate with quartz-feldspar porphyry, sedimentary, volcanic and granitoid clasts; sandstone: 7a conglomerate, arkose matrix; 7b arkosic sandstone, pebbly sandstone

SICKLE OR WASEKWAN GROUP

 6a Polymictic conglomerate with minor feldspathic greywacke interlayers; 6b feldspathic greywacke, siltstone, minor amphibolite

ROCKS OF PROBABLE WASEKWAN AGE

5	Amphibolite, schist, gneiss and related migmatite: 5a amphibolite, hornblende-plagioclase gneiss and migmatite; 5b mafic to intermediate schist and gneiss; 5c intermediate to felsic schist and gneiss
4	Paragneiss, schist and related migmatite: 4a psammitic gneiss; 4b semipelite gneiss; 4c pelitic gneiss; 4d sillimanite gneiss and schist; 4e hornblende-plagioclase-biotite gneiss; 4f migmatite

WASEKWAN GROUP

[illegible]

MINERALS AND ELEMENTS

AR	Arsenopyrite	PH	Pyrrhotite
CP	Chalcopyrite	PY	Pyrite
GL	Galena	SH	Sphalerite
MG	Magnetite	Ag	Silver
MT	Malachite	Au	Gold

Geological Services Branch, Minerals Division, Winnipeg,
To accompany Geological Report GR87-3

Geology by

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NOTES

- [illegible]

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MAP GR87-3-3

FRASER LAKE

Scale 1: 50 000

