

# LEGEND

- 16 Pink biotite granodiorite
- 15 Gneissic diorite and syenodiorite, in part porphyritic (occurs on Map 1071A, "Heming Lake" only)
- 14 Gneissic biotite granodiorite, 14a, foliated, very gneissic granodiorite (14a occurs on Map 1071A, "Heming Lake" only)
- 13 Gneissic hornblende-biotite quartz diorite to granodiorite
- 12 Grey gneissic hornblende diorite (occurs on Map 1071A, "Heming Lake" only)
- 11 "Quartz-eye" granite, 11a, grey gneissic rocks derived mainly by granitization of basic volcanic rocks (11); age uncertain, possibly older than Kisseynew complex (5-8)
- 10 Meta-gabbro and meta-diorite; 10a, meta pyroxenite, younger than 3, older than 10, relation to Kisseynew complex (5-8) unknown
- 9 Porphyritic rhyolite and rhyolite, in part younger than 13; relations to Kisseynew complex (5-8) unknown
- KISSEYNEW COMPLEX (5-8)
- 8 Granodiorite, 8a, pegmatite (8 occurs on Map 1071A, "Heming Lake" only)
- 7 Granitized gneiss derived from both biotite gneiss (5) and hornblende-plagioclase gneiss (6)
- 6 Hornblende-plagioclase gneiss, in part banded
- 5 Biotite gneiss, in part garnetiferous
- 4 Interbedded argillite and greywacke; 4a, hornblende-biotite schists and gneiss; relation to Kisseynew complex (5-8) unknown
- AMISK GROUP (1-3)
- 3 Hornblende-plagioclase gneiss, probably altered volcanic rocks
- 2 Garnetiferous biotite schist and gneiss, garnetiferous staurolite gneiss, probably altered sediments, minor quartzite
- 1 Basic volcanic rocks, pillow lavas, minor acidic volcanic rocks, minor pyroclastic rocks, cherts, non-foliated, undifferentiated basic intrusions, 1a, basic volcanic rocks with thin bands of garnetiferous hornblende-plagioclase gneiss, 1b, banded hornblende-plagioclase gneiss derived from 1, 1c, coarse-grained amphibolite derived from 1
- A Grey gneisses and migmatites derived from basic volcanic rocks (1, 3) and sedimentary rocks (2) by biotite granodiorite (14a)
- B Grey to buff gneisses and migmatites derived from basic volcanic rocks (1) and sedimentary rocks (14a) by hornblende-biotite granodiorite (13)

Bedding (inclined, vertical, overturned)  
Bedding (upper side of bed unknown)  
Schistosity, gneissosity (inclined, vertical, dip unknown)  
Foliation (inclined, vertical, dip unknown)  
Lineation (direction and amount of plunge determined from linear elements)  
Drag-fold (form and direction of plunge)  
Fault or shear zone  
Anticline  
Syncline  
Glacial striae  
Mineral property

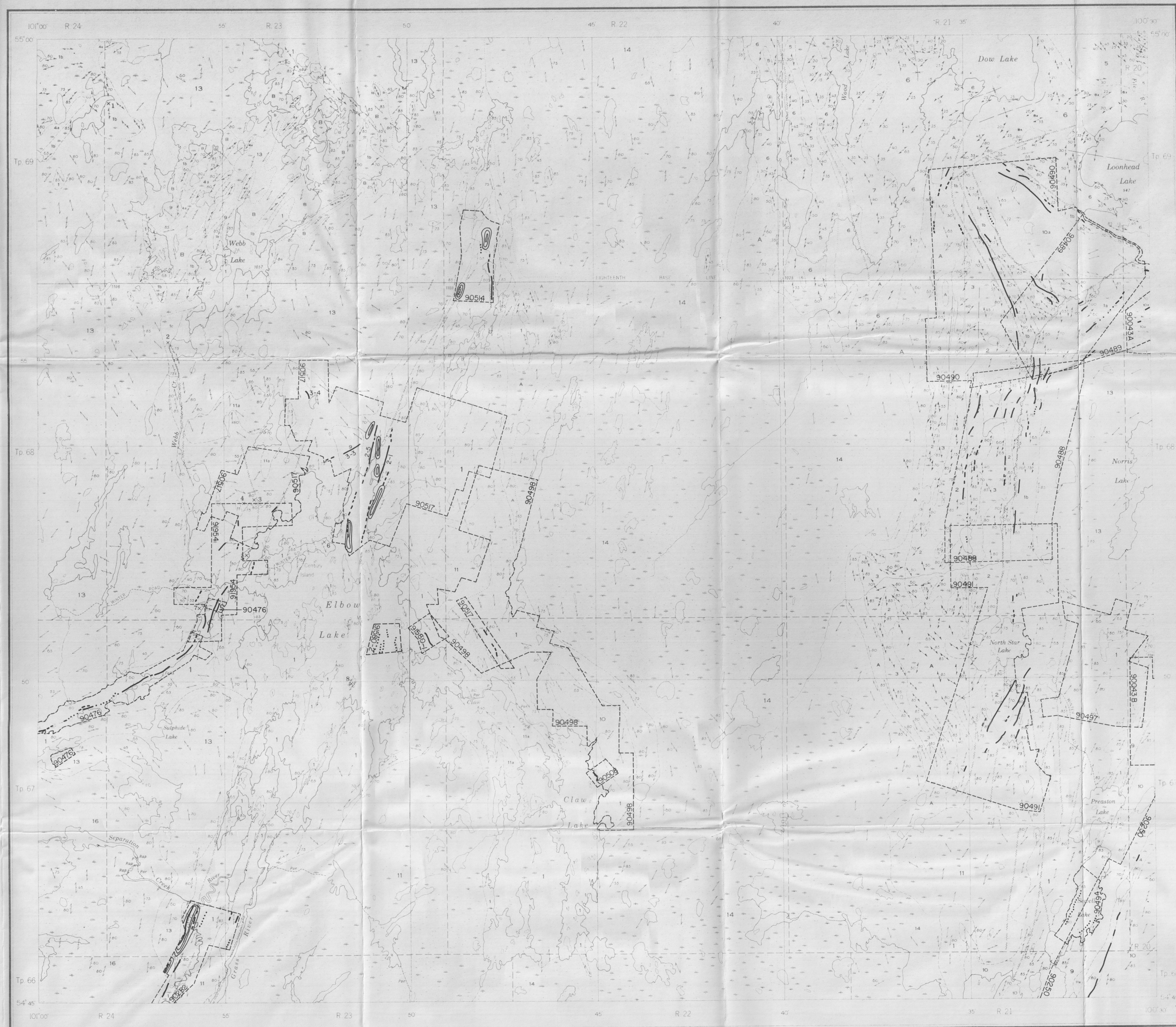
## SYMBOLS

- ELECTRO-MAGNETIC ANOMALY
- Strong Medium Weak
- Single Zone
- MAGNETIC ANOMALY
- SELF-POTENTIAL ANOMALY
- GEOPHYSICAL GRID BOUNDARY

Geophysical Plots by I.T. Hosain  
Data compiled to January, 1978  
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To Accompany Open File Report 78/2



Geological base map derived from Geol. Surv. Can. Map 1072A by J.C. McGlynn  
Source data for this review obtained from Open File Assessment Reports

MAP 78/2-7A  
COMPILATION OF THE GROUND GEOLOGICAL SURVEYS  
FROM THE OPEN ASSESSMENT FILES  
IN THE  
ELBOW LAKE AREA  
MANITOBA  
63K / 15  
SCALE 1:50 000

