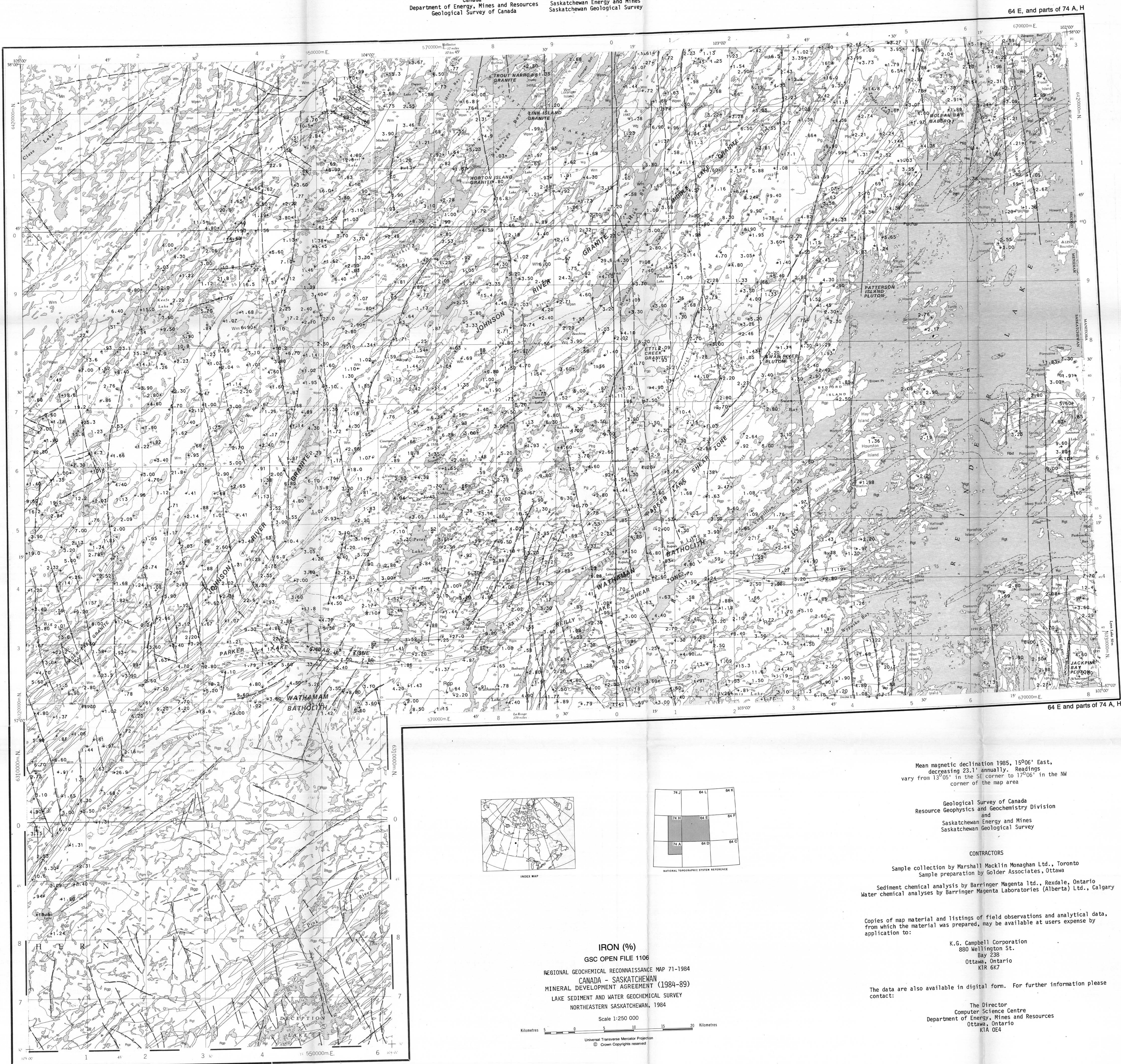


Complexes: where two or more classes of terrain are interspersed in a mosaic or repeating pattern the proportion of each component is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "Wv/O/B" means that at least 60% of the area is underlain by thin till, with up to 40% boggy areas, and less than 15% scattered rock outcrops. "Wv/B" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.



Mean magnetic declination 1985, 15°06' East,  
decreasing 23.1' annually. Readings  
vary from 12°00' in the SE corner to 17°06' in the NW  
corner of the map area

Geological Survey of Canada  
Resource Geophysics and Geochemistry Division  
and  
Saskatchewan Energy and Mines  
Saskatchewan Geological Survey

CONTRACTORS

Sample collection by Marshall Macklin Monaghan Ltd., Toronto  
Sample preparation by Golder Associates, Ottawa

Sediment chemical analysis by Barringer Magenta Ltd., Rexdale, Ontario  
Water chemical analyses by Barringer Magenta Laboratories (Alberta) Ltd., Calgary

Copies of map material and listings of field observations and analytical data,  
from which the material was prepared, may be available at users expense by  
application to:

K.G. Campbell Corporation  
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The data are also available in digital form. For further information please  
contact:

The Director  
Computer Science Centre  
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K1A 0G4

LEGEND

Note: This legend is common for Regional Geochemical  
Reconnaissance Map 71-1984, Open File 1106

NEOHELKIAN/HADRYMAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

PALEOHELKIAN

MF: MF: fine to medium grained, massive to weakly  
foliated, locally banded, locally highly magnesian

LATE APHEBIAN (HUDSONIAN)

X: X: massive, locally banded, massive to weakly  
foliated, locally banded, locally highly magnesian

LA RONGE DOMAIN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

ROTTERSTONE DOMAIN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

APHEBIAN (HUDSONIAN) WITH POSSIBLE ARCHEAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

WOLLASTON DOMAIN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

EARLY TO MIDDLE APHEBIAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

WOLLASTON GROUP

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

MAIN ARCHEAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

PETER LAKE DOMAIN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

APHEBIAN AND ARCHEAN ROCKS, STRONGLY  
REWORKED PROBABLY LATE IN THE HUDSONIAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

WOLLASTON GROUP

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

PROBABLY EARLY APHEBIAN (LATE ARCHEAN?)

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

UNCONFORMITY

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

ARCHEAN DEFORMED AND METAMORPHOSED WITH  
APHEBIAN SURFICIAL ROCKS DURING THE  
HUDSONIAN OROGENY

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

PROBABLY MAINLY ARCHEAN

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

WOLLASTON GROUP

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY

Gr: Graptolite: fine to coarse grained, massive to weakly  
foliated, locally banded, locally highly magnesian

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This map has been reprinted from a series of maps released by the Geological  
Survey of Canada, Open File 1106. The Open File consists of maps  
of various geochemical variables: 16 for lake sediment, 3 for  
lake water and 1 sample site location