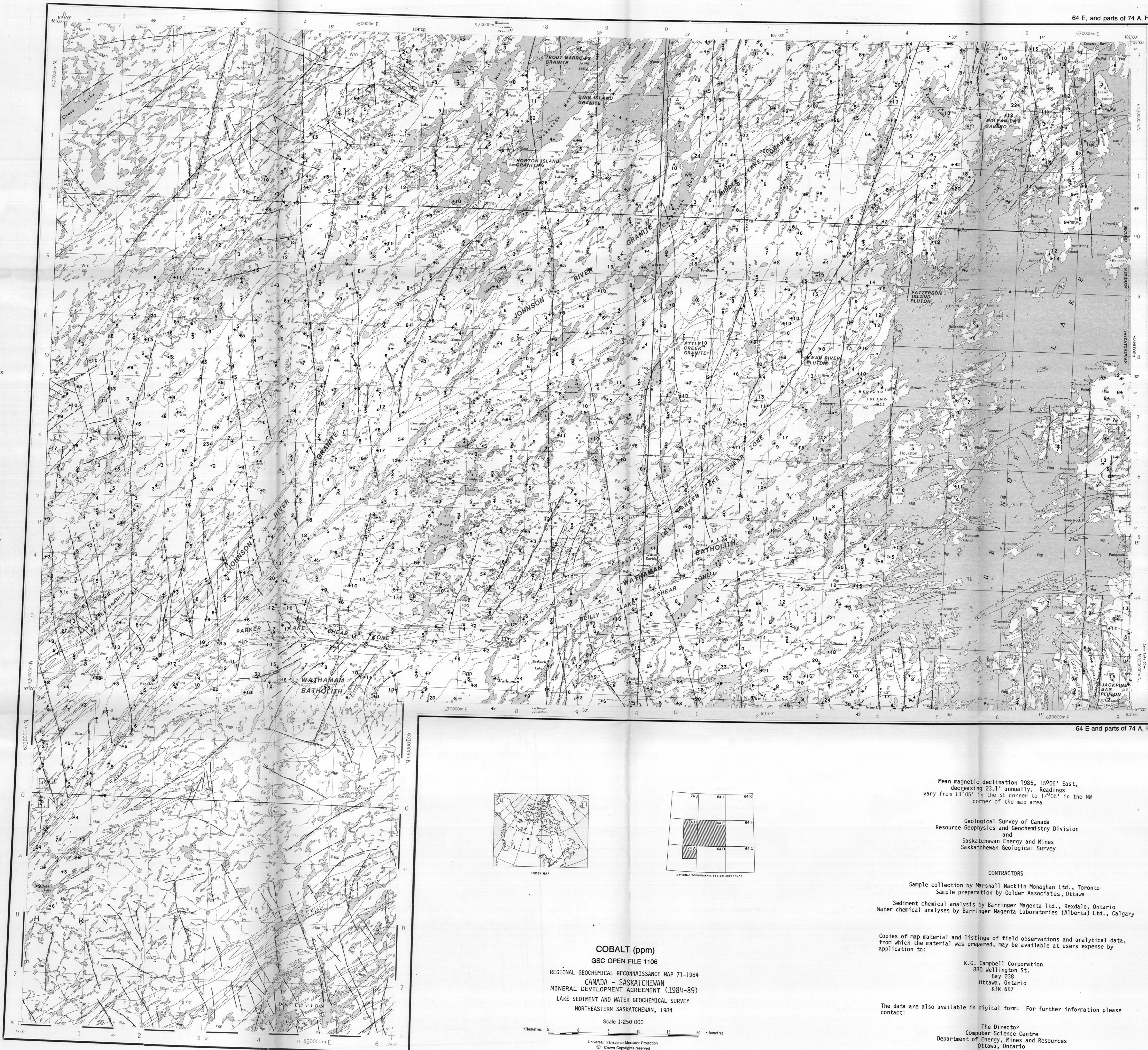


Complexes: where two or more classes of terrain are interspersed in a mosaic or repeating pattern the proportion of each component in the combination is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "Mw/G/R" means that at least 60% of the area is underlain by this (1), with up to 40% bogs, and less than 15% scattered rock outcrops. "Rc/R" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.



COBALT (ppm)  
GSC OPEN FILE 1106  
REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 71-1984  
CANADA - SASKATCHEWAN  
MINERAL DEVELOPMENT AGREEMENT (1984-89)  
LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY  
NORTHEASTERN SASKATCHEWAN, 1984

Scale 1:250 000  
Universal Transverse Mercator Projection  
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Mean magnetic declination 1985, 15°06' East,  
decreasing 23.1' annually. Readings  
vary from 12°05' 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 Laboratories 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  
880 Wellington St.  
Box 238  
Ottawa, Ontario  
K1R 6K7

The data are also available in digital form. For further information please  
contact:

The Director  
Computer Science Centre  
Department of Energy, Mines and Resources  
Ottawa, Ontario  
K1A 0E4

LEGEND

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

NEOHELIKIAN/HADRYANIAN  
[Symbol] [Symbol] [Symbol]

PALEOHELIKIAN  
[Symbol] [Symbol] [Symbol]

ATMANASCA GROUP  
[Symbol] [Symbol] [Symbol]

LATE ARHEBIAN (HUDSONIAN)  
[Symbol] [Symbol] [Symbol]

WOLLASTON DOMAIN  
[Symbol] [Symbol] [Symbol]

ROTTERSTONE DOMAIN  
[Symbol] [Symbol] [Symbol]

ARHEBIAN (HUDSONIAN) WITH POSSIBLE ARCHEAN  
ELEMENTS  
[Symbol] [Symbol] [Symbol]

LA ROMEE DOMAIN  
[Symbol] [Symbol] [Symbol]

PROBABLY EARLY ARHEBIAN (LATE ARCHEAN)  
[Symbol] [Symbol] [Symbol]

ARHEBIAN AND ARCHEAN ROCKS, STRONGLY  
REWORKED PROBABLY LATE IN THE HUDSONIAN  
[Symbol] [Symbol] [Symbol]

PETER LAKE DOMAIN  
[Symbol] [Symbol] [Symbol]

HUDSONIAN WITH POSSIBLE ARCHEAN  
ELEMENTS  
[Symbol] [Symbol] [Symbol]

PROBABLY MAINLY ARCHEAN  
[Symbol] [Symbol] [Symbol]

UNCONFORMITY  
[Symbol] [Symbol] [Symbol]

ARCHEAN, DEFORMED AND METAMORPHOSED WITH  
ARHEBIAN SUPRACRUSTAL ROCKS DURING THE  
HUDSONIAN OROGENY  
[Symbol] [Symbol] [Symbol]

SYMBOLS  
[Symbol] [Symbol] [Symbol]

CONTRACTORS  
[Symbol] [Symbol] [Symbol]

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY  
[Symbol] [Symbol] [Symbol]

COBALT (ppm)  
[Symbol] [Symbol] [Symbol]

GSC OPEN FILE 1106  
[Symbol] [Symbol] [Symbol]

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 71-1984  
[Symbol] [Symbol] [Symbol]

CANADA - SASKATCHEWAN  
[Symbol] [Symbol] [Symbol]

MINERAL DEVELOPMENT AGREEMENT (1984-89)  
[Symbol] [Symbol] [Symbol]

LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY  
[Symbol] [Symbol] [Symbol]

NORTHEASTERN SASKATCHEWAN, 1984  
[Symbol] [Symbol] [Symbol]

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[Symbol] [Symbol] [Symbol]

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[Symbol] [Symbol] [Symbol]

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[Symbol] [Symbol] [Symbol]

COBALT (ppm)  
GSC OPEN FILE 1106  
NORTHEASTERN SASKATCHEWAN, 1984

\* A mnemonic name recorded as rock types as part of field observations

This legend was modified and the geology derived for these geochemical  
maps from Cobaltian Bedrock Geology Series 228A, 229A and 232A,  
Saskatchewan Energy and Mines, Saskatchewan Geological Survey

This map forms one of 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

COBALT (ppm)  
GSC OPEN FILE 1106  
NORTHEASTERN SASKATCHEWAN, 1984

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