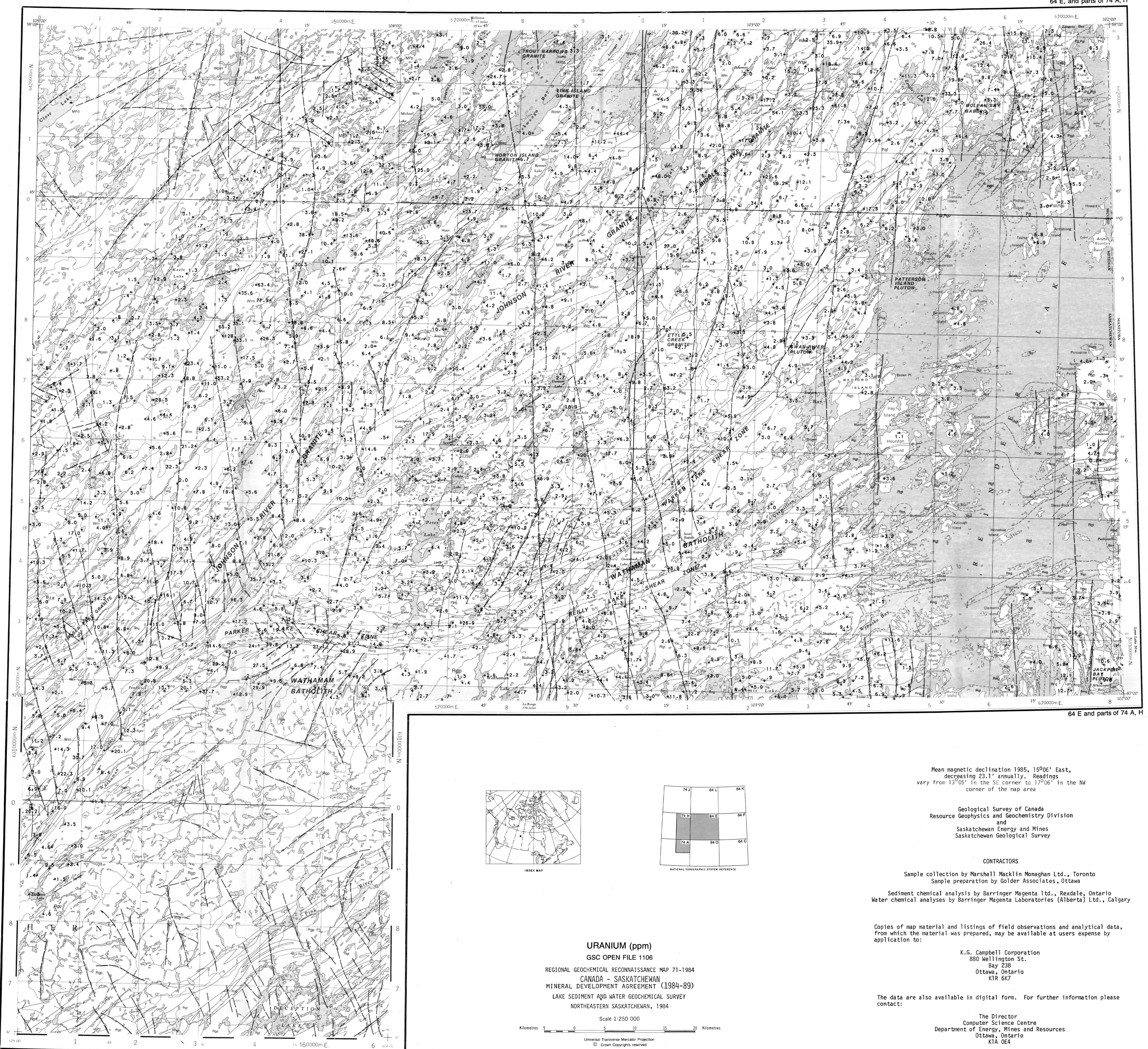


Complexes: where two or more classes of terrain are interspersed in a mosaic or repeating pattern the proportion of each component in the combination is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "WvO/R" means that at least 60% of the area is underlain by thin till, with up to 40% boggy areas, and less than 10% scattered rock outcrops. "Rc/R" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.



64 E and parts of 74 A, H

LEGEND

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

NECHELKIUKAN/HADRYNIAN

PALEOHELKIUKAN

ATLABASCA GROUP

LATE ARCHEAN (HUDSONIAN)

WOLLASTON DOMAIN

LATE ARCHEAN (HUDSONIAN)

ARCHEAN (HUDSONIAN) WITH POSSIBLE ARCHEAN ELEMENTS

LA RONCE DOMAIN

PROBABLY HUDSONIAN (ca. 1740 Ma)

ROTTERSTONE DOMAIN

PETER LAKE DOMAIN

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

HUDSONIAN WITH POSSIBLE ARCHEAN ELEMENTS

PROBABLY EARLY ARCHEAN (LATE ARCHEAN?)

UNCONFORMITY

ARCHEAN DEFORMED AND METAMORPHOSED WITH ARCHEAN SUPERCRUSTAL ROCKS DURING THE HUDSONIAN OROGENY

PROBABLY MAINLY ARCHEAN

SYMBOLS

Single bedrock exposure: approximate area of abundant bedrock exposure

Geological contact: defined to approximate inferred

Structural lineament: possible to probable fault, as interpreted from geophysics, geology and/or surface evidence

Major fold axial trace: antiform/synform

Trend and approximate dip of deformation foliation surface: dip in degrees (D°), moderate (20°-50°), steep (60°-90°)

Mineral content:
1. Garnet, Kfs, Pl, Qtz, Mg, Mn, Bt, and Bm
2. Garnet, Kfs, Pl, Qtz, Mg, Mn, Bt, and Bm

Sample locations (geochronology):
1. 1575-55 Ma, K-Ar muscovite (Warkentin et al. 1979)
2. 1760-55 Ma, Rb-Sr whole rock (Warkentin, Bell and Macdonald 1980); map location is approximate centre of collecting area

No analytical result

Campbell River

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This legend was modified and the geology derived for these geochemical maps from Compilation Bedrock Geology Series 2204, 2204 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

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

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