

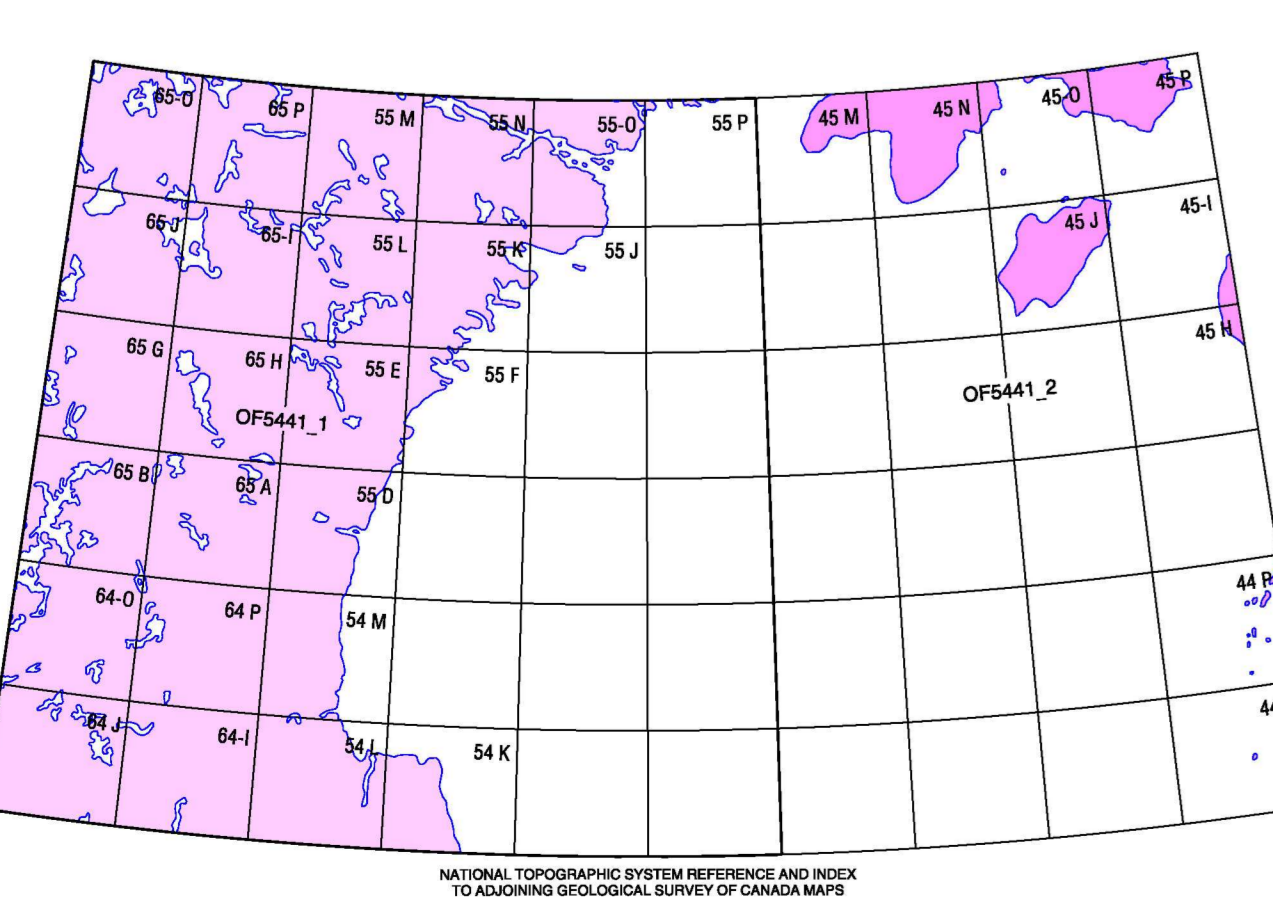
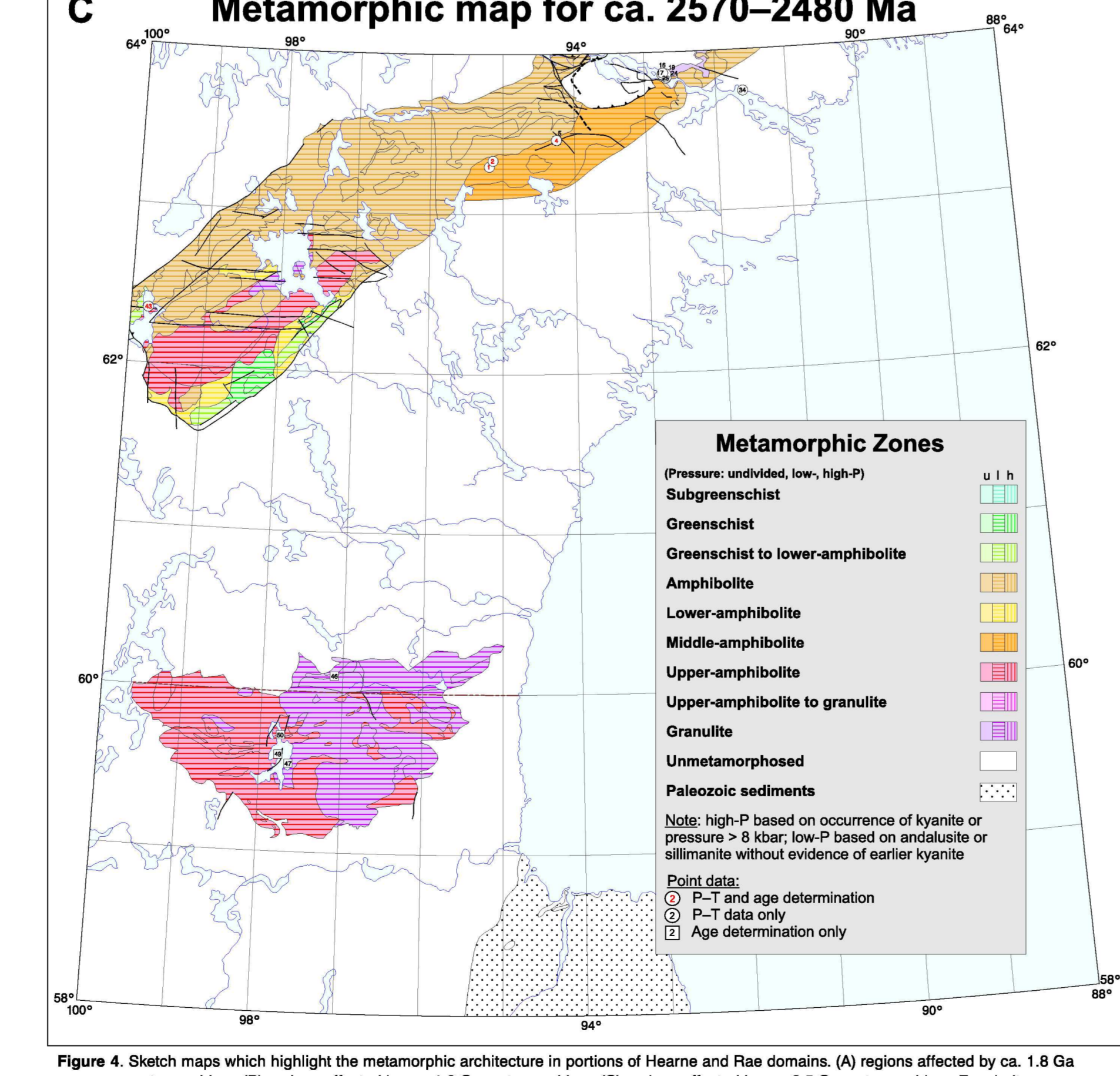
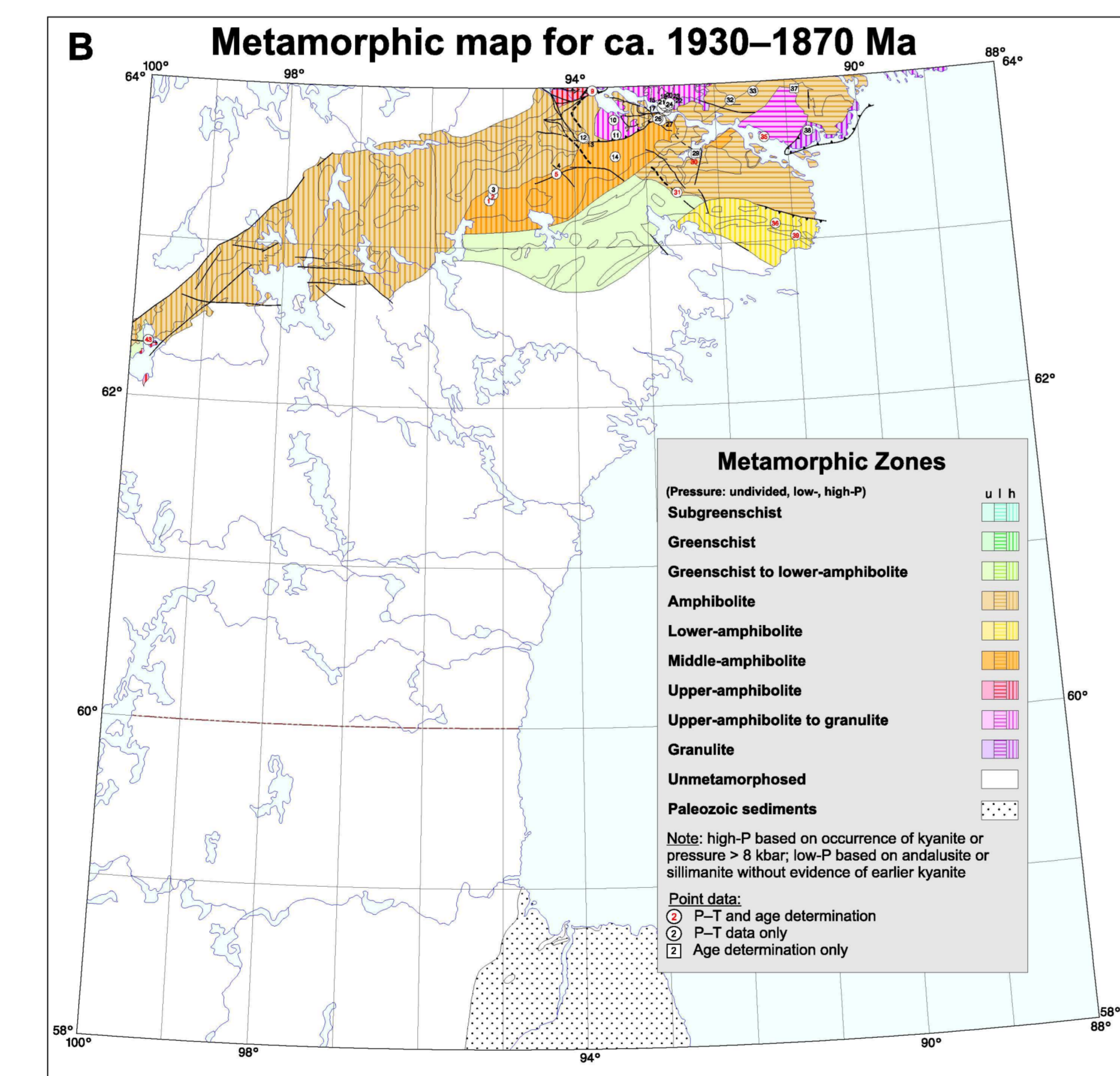
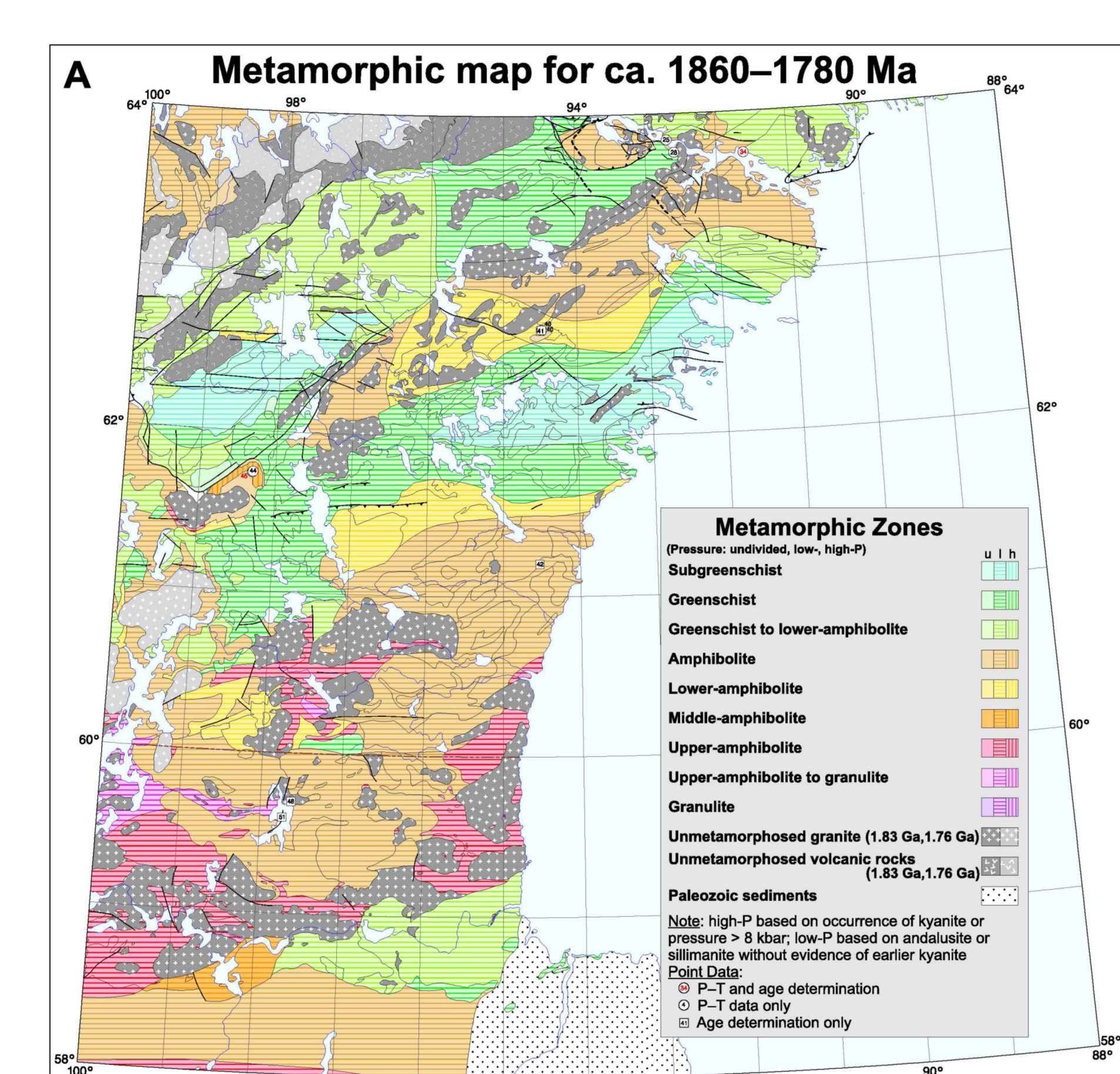
INTRODUCTION
This 1:500 000 scale geological compilation map shows the geology of the Hearne and Rae domains in Nunavut-Manitoba, Canada. The map is based on a synthesis of geological data from various sources, including field observations, geophysical data, and published literature. The map shows the distribution of various geological units, including Proterozoic igneous and metamorphic rocks, and Paleozoic sedimentary rocks. The map also shows the location of various geological features, such as faults, folds, and unconformities. The map is intended to provide a comprehensive overview of the geology of the Hearne and Rae domains, and to serve as a reference for future geological research.

DESCRIPTIVE NOTES
The 1:500 000 scale geological compilation map shows the geology of the Hearne and Rae domains in Nunavut-Manitoba, Canada. The map is based on a synthesis of geological data from various sources, including field observations, geophysical data, and published literature. The map shows the distribution of various geological units, including Proterozoic igneous and metamorphic rocks, and Paleozoic sedimentary rocks. The map also shows the location of various geological features, such as faults, folds, and unconformities. The map is intended to provide a comprehensive overview of the geology of the Hearne and Rae domains, and to serve as a reference for future geological research.

GEOLOGY AND TECTONOMETAMORPHIC ARCHITECTURE
The Hearne and Rae domains in Nunavut-Manitoba, Canada, are composed of Proterozoic igneous and metamorphic rocks, and Paleozoic sedimentary rocks. The Proterozoic rocks are primarily composed of granitoid intrusions, gneisses, and schists. The Paleozoic rocks are primarily composed of sedimentary rocks, including sandstones, shales, and limestones. The tectonometamorphic architecture of the Hearne and Rae domains is characterized by a complex pattern of faults, folds, and unconformities. The map shows the distribution of these geological units and features, and provides a detailed description of their characteristics.

METALOGY
The mineralogy of the rocks in the Hearne and Rae domains is primarily composed of quartz, feldspar, and mica. The Proterozoic rocks are primarily composed of quartz, feldspar, and mica, and are characterized by a variety of mineral assemblages. The Paleozoic rocks are primarily composed of quartz, feldspar, and mica, and are characterized by a variety of mineral assemblages. The map shows the distribution of these mineral assemblages, and provides a detailed description of their characteristics.

REFERENCES
A comprehensive list of references is provided at the end of the report, including books, journal articles, and technical reports. The references are organized alphabetically by author name.



BEDROCK GEOLOGY COMPILATION AND REGIONAL SYNTHESIS OF PARTS OF THE HEARNE AND RAE DOMAINS
WESTERN CHURCHILL PROVINCE
NUNAVUT-MANITOBA

Scale 1:500 000/Echelle 1:500 000

Geological compilation by S. Tobi et al., 2008

Digital cartography by D. View, Data Observation Division (DOD)

This map was produced from processed data conform to the Scientific and Technical Publishing Service Submission (STPS) Digital Management System, registered in the SD 001: 2008 version.

Any review or editorial geospatial information review to the user would be welcomed by the Geological Survey of Canada.

Some geographical names subject to revision

Mean magnetic declination 2007: 17°14' W, decreasing 10.6' annually. Readings may vary 1/4° W at the SW corner to 10°17' W at the NE corner of the map.

OPEN FILE
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Open file and public domain information. This information is available in French and English. For more information, contact the Geological Survey of Canada, Ottawa, Ontario, Canada K1A 0H8.

2007

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Figure 2 of 2: Geology, Descriptive notes, References, Figures

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