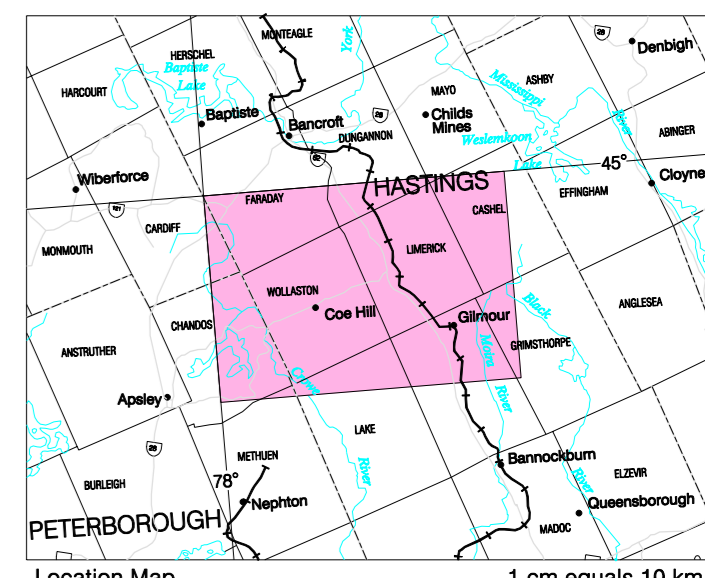


Scale 1:50 000

NTS Reference: 31 C1/3

Queen's Printer for Ontario, 2005. This map is published with the permission of the Senior Manager, Precambrian Geoscience Section, Ontario Geological Survey.



1 cm equals 10 km

SYMBOLS

- Geological contact
Bedding, sedimentary, volcanic or other, with facing (inclined, magnitude of dip uncertain)
Bedding, sedimentary, volcanic or other, with facing (inclined, magnitude of dip uncertain)
Bedding, sedimentary, volcanic or other, with facing (inclined, magnitude of dip uncertain)
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SOURCES OF INFORMATION

Base map derived from map 31 C1/3 of the National Topographic System, scale 1:50 000. Users should be aware that this map sheet lies adjacent to the UTM Zone 17 Zone 18 boundary. To ensure continuity with existing maps of this series to the west, this map is published using a Zone 17 UTM grid, even though most of the area covered by this map lies within UTM Zone 18. Users need to take this into account when making comparisons between the UTM grid on this sheet and other Basic Mapping (BMA) sheets covering this area, when using Global Positioning System (GPS) instruments to determine location, or when plotting data on this map from literature sources where location is expressed in UTM co-ordinates.

CREDITS

Geology by S.B. Lumbers and V.M. Vertoll, 1985-1990. Geological compilation by S.B. Lumbers and V.M. Vertoll, 1989-1990. Drafting by P. Lundy and E. Ambers. Digital conversion under the direction of B. Barbeau. Geology and legend reviewed by M. Easton and B. Barbeau.

To enable the rapid dissemination of information, this map has not received a technical edit. Discrepancies may occur for which the Ontario Ministry of Northern Development and Mines does not assume liability. Users should verify critical information.

This map covers an area in the vicinity of other previously released maps (e.g., P.3385, Precambrian Geology, Barcroft Area) and adjoining maps. Although the rock codes for the same lithologic unit may not correspond from map to map, an attempt has been made to standardize the colour used on all maps to represent the same rock type.

Information from this publication may be quoted if credit is given. It is recommended that reference to this map be made in the following form: Lumbers, S.B. and Vertoll, V.M. 2000. Precambrian geology, Coe Hill area, Ontario Geological Survey, Preliminary Map P.3403, scale 1:50 000.

LEGEND

PHANEROZOIC

CENOZOIC*

QUATERNARY

PLEISTOCENE AND HOLOCENE

POST-MIDDLE ORDOVICIAN

UNCONFORMITY

VEINS

Fault Contact

PRECAMBRIAN

PROTEROZOIC

MESOPROTEROZOIC

Ferite-Carbonate Suite (1070-1040 Ma)†

Late Pegmatite‡

Monzonite-Diorite Suite Intrusive Rocks (1090-1070 Ma)

Granite

Syenitic Rocks

Mafic Rocks

Syenite-Monzonite Suite Intrusive Rocks (1180-1165 Ma)‡

Monzonite to Diorite

Regional Metamorphism

Felsic Intrusive Rocks

Diorite Suite Intrusive Rocks (1270-1240 Ma)

Mafic Intrusive Rocks

Mafic Metavolcanic Rocks

Felsic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Andesite-Dacite Suite (1280-1270 Ma)‡

Felsic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Andesite-Dacite Suite (1290-1275 Ma)

Felsic Metavolcanic Rocks

Mafic Metavolcanic Rocks

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Andesite-Dacite Suite (1290-1275 Ma)

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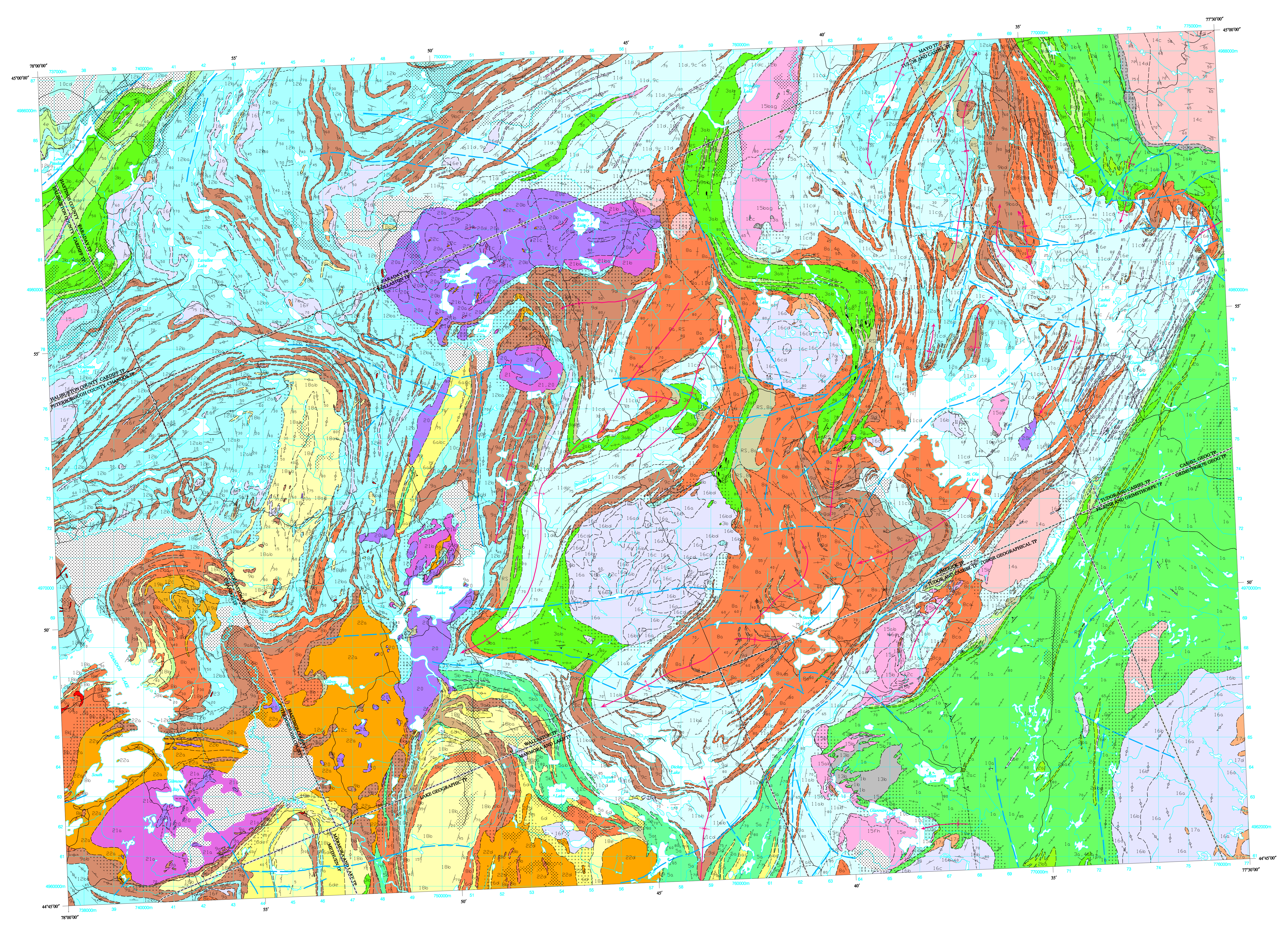
Andesite-Dacite Suite (1290-1275 Ma)

Felsic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Andesite-Dacite Suite (1290-1275 Ma)



METASEDIMENTARY ROCKS†

Calcareous Metasedimentary Rocks‡

Caliche Marble (Medium to High Metamorphic Grade)

Dolomitic Marble

Amphibole-Rich Metasedimentary Rocks

Micaceous Sandy and Conglomeratic Metasedimentary Rocks

Micaceous Shaly Metasedimentary Rocks

Felsic Metavolcanic Rocks

Mafic Metavolcanic Rocks

Andesite-Dacite Suite (1290-1275 Ma)

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