

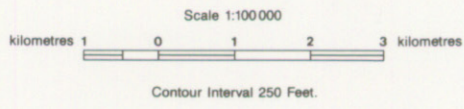
60°45' 40' 35' 30' 25' 60°20' 46°13' 10' 5' 46°00' 45°55' 60°45' 40' 35' 30' 25' 60°20'

Nova Scotia Department of Mines and Energy
MAP 84-2
GEOLOGICAL MAP
OF THE
**BOISDALE PENINSULA,
CENTRAL CAPE BRETON ISLAND**
CAPE BRETON COUNTY
NOVA SCOTIA

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Honourable Joel R. Matheson, O.C., Minister
John J. Laffin, P.Eng., FEIC, Deputy Minister

Halifax, Nova Scotia
1984



LEGEND

SYMBOLS

CARBONIFEROUS

GRANTMIRE FORMATION and WINDSOR GROUP

DEVONIAN

MCADAM LAKE FORMATION

CAMBRO-ORDOVICIAN

BOURINOT GROUP and MACMULLIN, MACNEIL
AND MCLEOD BROOK FORMATIONS

LATE HADRYNIAN-CAMBRIAN

SHUNACADIE PLUTON

Leucogranite

Granite

Biotite
granodiorite

Diorite and
related rocks

BOISDALE HILLS PLUTON

Leucogranite

Microgranite

Syenogranite

Biotite
granodiorite

Biotite hornblende
granodiorite

Hornblende
granodiorite

Diorite, quartz
diorite, tonalite

SPRUCE BROOK PLUTON

Dioritic to
granodioritic
rocks, granite

COXHEATH PLUTON

Dioritic to
granodioritic
rocks, granite

NOTE: Relative ages of plutons
are unknown.

LATE HADRYNIAN

FOURCHU GROUP

HADRYNIAN (OR OLDER)

GEORGE RIVER
GROUP

- Geological boundary (defined, approximate, assumed) - - - - -
- Fault (defined, approximate, assumed) - - - - -
- Bedding - - - - -
- Foliation - - - - -
- Felsic dyke - - - - -
- Sampled outcrop - - - - -
- Analyzed sample - - - - -

NOTE: Funded by the Nova Scotia Department of Mines and Energy; Natural Sciences and Engineering Research Council of Canada; J.B. Tyrrell Fund of the Geological Society of London; and Acadia University Graduate Fellowships.
Some geological boundaries after Bell and Goranson (1938), Weeks (1954), and Kelley (1967).

