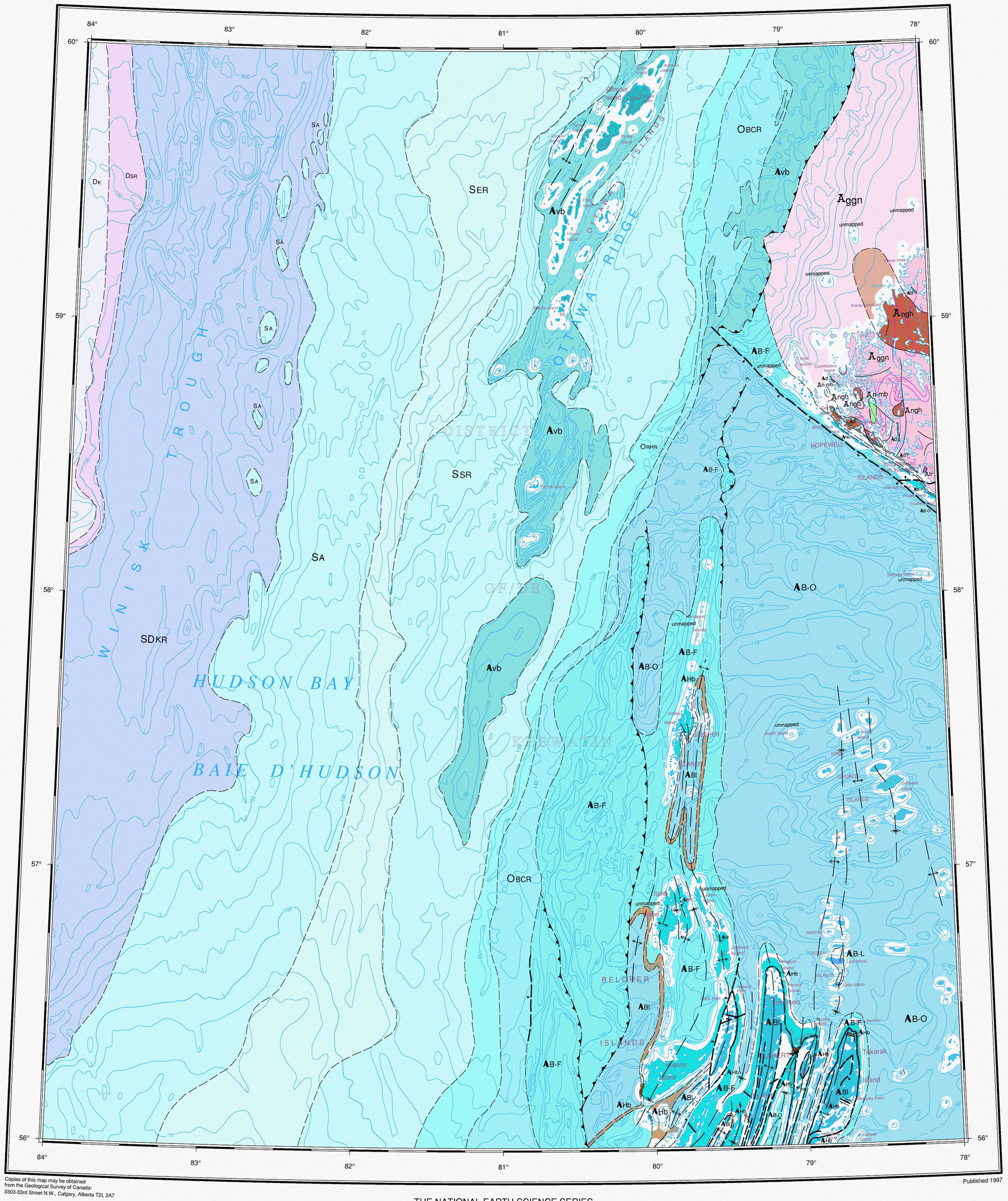
Natural Resources Canada | Ressources naturelles Canada

GEOLOGICAL SURVEY OF CANADA | COMMISSION GÉOLOGIQUE DU CANADA



LEGEND

PHANEROZOIC

PALEOZOIC

DEVONIAN

MIDDLE DEVONIAN

DK — *KWATABOAHEGAN FORMATION*

LOWER DEVONIAN

DSR — *STOOPING RIVER FORMATION*

SILURIAN AND DEVONIAN

UPPER SILURIAN AND LOWER DEVONIAN

SDKR — *KENOGAMI RIVER FORMATION*

LOWER SILURIAN

SA — *ATTAWAPISKAT FORMATION*

SER — *EKWAN RIVER FORMATION*

SSR — *SEVERN RIVER FORMATION*

ORDOVICIAN

UPPER ORDOVICIAN

ORHR — *RED HEAD RAPIDS FORMATION*

OBCR — *BAD CACHE RAPIDS GROUP*

PROTEROZOIC

PALEPROTEROZOIC (APHEBIAN)

Ad — *mafic dykes*

BELCHER GROUP (ABl, AB-F, AB-O and AB-L)

AB-L — *LOAF FORMATION*

AB-O — *OMAROLLUK FORMATION*

AHb — *Haig diabase intrusions*

AB-F — *FLAHERTY FORMATION*

ABl — *BELCHER GROUP, lower portion (KASEGALIK, ESKIMO, FAIRWEATHER, MCLEARY, TUKARAK, MAVOR, COSTELLO, LADDIE, ROWATT, MUKPOLLO AND KIPALU FORMATIONS)*

ANu — *NASTAPOKA GROUP, upper sequence; siltstone, quartzite, iron formation*

CAPE SMITH BELT (?)

Avb — *mafic volcanic rocks and associated intrusions (possibly correlative with POVUNGNITUK GROUP)*

ARCHEAN

Ab — *mafic and ultramafic intrusions*

Aggn — *undivided felsic and intermediate plutonic rocks, gneiss and migmatite*

An-mb — *hornblende biotite gneiss*

Angh — *granulite facies gneiss*

Geological boundary (approximate, assumed)

Thin unit or significant stratum (approximate, assumed)

Fault, displacement unknown (approximate, assumed)

Normal fault, solid circle on hanging wall (assumed)

Thrust fault, teeth on hanging wall (assumed)

Anticline (approximate, assumed)

Syncline (approximate, assumed)

Lineament

Gneissic or mylonitic foliation (approximate)

Geological compilation by B.V. Sanford and A.C. Grant, 1994 and A.V. Okulitch, 1997

Geological cartography and data digitization by A.G. Lemay and A.V. Okulitch, Geological Survey of Canada (Calgary) and Hughes Aircraft of Canada, Limited., Calgary, Alberta

Digital image processing by A.V. Okulitch Geological Survey of Canada (Calgary)

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

PUBLICATION NOTE

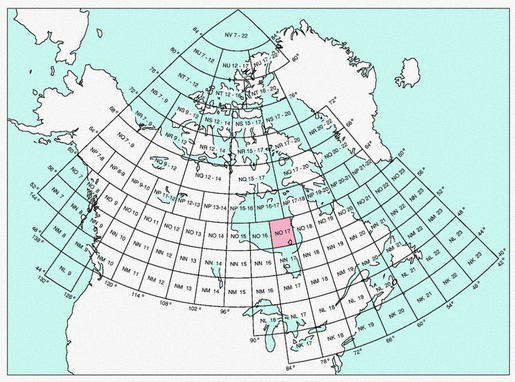
The Geological Atlas of Canada is being published in substandard prelim - inary form to make map data available quickly and because there are no resources for traditional A - series printing. Release on open file does not provide the fine detail of bedrock geology, the geotectonic correlation charts, supplementary maps of physiography, metamorphism, lithotectonic elements, compilation sources, etc. or references that comprise a complete Atlas set. A French edition is available on special order only.

In addition to this open file map, base and geological map data are avail - able in digital form by special order in a variety of file formats (dwg, dxf, ps) and media (diskette, lomega Zip).

Although every attempt has been made to ensure accuracy, this Open File Map has not been edited for conformity with Geological Survey of Canada standards.

Copies of this map may be obtained from the Geological Survey of Canada: 3303-33rd Street N.W., Calgary, Alberta T2L 2A7

Published 1997



INDEX TO INTERNATIONAL MAP OF THE WORLD 1:1 000 000 SCALE SHEETS

THE NATIONAL EARTH SCIENCE SERIES

GEOLOGICAL ATLAS

GENERAL CO-ORDINATOR: A.V. OKULITCH

MAP NO-17-G

SHEET 1

BEDROCK GEOLOGY

OTTAWA ISLANDS

DITSRICT OF KEEWATIN - QUÉBEC

Scale 1:1 000 000

Kilometres 25 0 25 50 75 Kilomètres

Lambert Conformal Conic Projection
Standard Parallels 56° 40'N and 59° 20'N

Base map at the same scale, published by Surveys and Mapping Branch in 1976. Bathymetry from National Earth Earth Science Series Map NO 17-B, published by the Canadian Hydrographic Service in 1984, from data compiled by B.V. Sanford in 1990, and from Canadian Hydrographic Service charts 5449, 5705 and 5706 contoured by A.V. Okulitch in 1997. Not to be used for navigation.

Elevations and depths in metres above and below sea level

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Natural Resources Canada, Ottawa, Ontario, K1A 0E8

This 1:1 000 000 scale map is part of the Geological Atlas of Canada and is plotted on the International Map of the World (IMW) base. Bedrock geology is one parameter being published in the National Earth Science Series

OPEN FILE
DOSSIER PUBLIC

3523

GEOLOGICAL SURVEY
COMMISSION GÉOLOGIQUE
OTTAWA

Sheet 1, Map NO-17-G, Bedrock geology

Recommended citation:

Sanford, B.V., Okulitch, A.V. and Grant, A.C. (compliers) 1997: Geology, Ottawa Islands, District of Keewatin - Québec, Geological Atlas of Canada Map NO - 17 - G, scale 1:1 000 000. Geological Survey of Canada, Open File 3523.

Canada