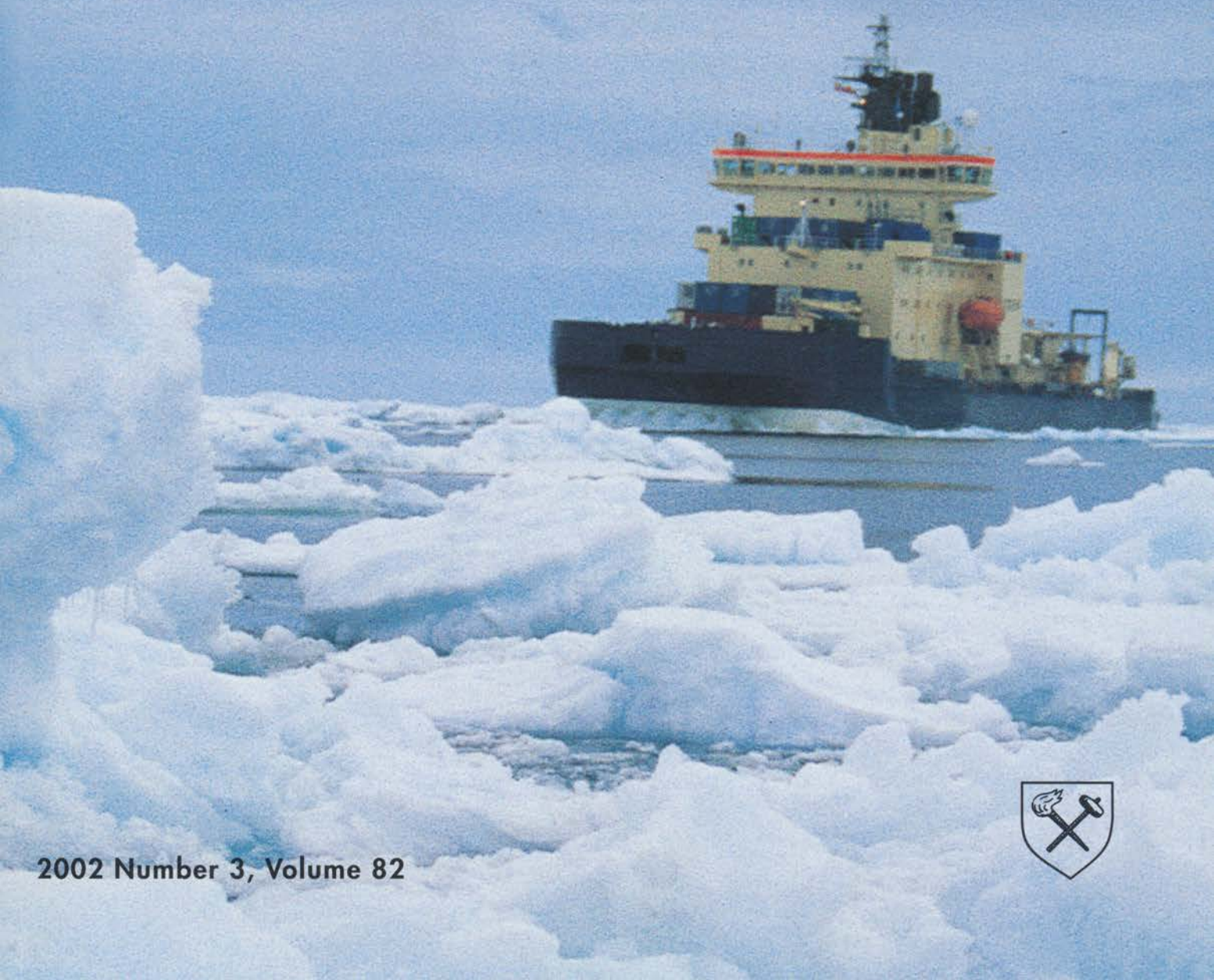


NORWEGIAN JOURNAL OF GEOLOGY

Norsk Geologisk Tidsskrift



2002 Number 3, Volume 82



Norwegian Journal of Geology

Norsk Geologisk Tidsskrift

The main journal for Norwegian geological research, distributed to all members of the Norwegian Geological Society. First published in 1905, this geological journal is issued quarterly by the Norwegian Geological Society (Norsk Geologisk Forening). The journal publishes research articles, review articles, papers, notes and discussions relevant to the varied and complex geology of Norway, the Arctic regions, and adjacent offshore areas. Scientific papers from all geological, geophysical and geochemical disciplines are considered for publication. The contributors, referees and readership are widely international.

Editors

Øystein Nordgulen
Lars Olsen and
Christine Fichler, Trondheim

Advisory Editors

T. Andersen, Oslo, D. Bruton, Oslo, B.C. Burchfiel, Cambridge, Massachusetts, O. Eldholm, Oslo, W. Helland-Hansen, Bergen, B. Jamtveit, Oslo, E. Jansen, Bergen, G. Juve, Oslo, P. Jørgensen, Ås, I. Lønne, Longyearbyen, R.B. Pedersen, Bergen, B. Robins, Bergen, G. Raade, Oslo, H.P. Sejrup, Bergen, J. Skei, Oslo, K.P. Skjerlie, Tromsø, A.M. Spencer, Stavanger, R. Steel, Laramie, Wyoming, M. Stephens, Uppsala, F. Surlyk, Copenhagen, J.L.R. Touret, Amsterdam, T.H. Torsvik, Trondheim, R.D. Tucker, St. Louis, Missouri.

Manuscript address

Manuscripts shall be addressed to:
Editor of Norsk Geologisk Tidsskrift
N-7491 Trondheim, Norway
Tel: +47 73 90 40 00,
Fax: +47 73 92 16 20
E-mail: oystein.nordgulen@ngu.no

Indexed in

Biological Abstracts (-1985); British Geological Literature; Chemical Abstracts; Current Contents/ Physical, Chemical and Earth Sciences; Energy Research Abstracts; Geological Abstracts Economic Geology; Geographical Abstracts/ Physical Geography; GeoREF (Online Database for Bibliography and Index of Geology); Life Sciences Collection; Norske Tidsskriftartikler; Metal Abstracts; Mineralogical Abstracts; Petroleum Abstracts; Science Citation Index; World Aluminum Abstracts

Subscription price

Subscription rates 2002: US\$ 180
In Scandinavia, NOK 930

Front page photo

Swedish icebreaker "Oden" on her seismic acquisition cruise in the Arctic Ocean in September 2001. During the two-week cruise, 1000 line km of 12-channel reflection seismic data and 50 sono-buoy measurements were obtained in the western parts of the Nansen Basin. The data are being used for scientific studies and will serve as the basis for the mapping of the outer limit of the continental shelf, in the sense of the UN Convention of the Law of the Sea. The seismic data turned out to be of very good quality and will make a major contribution to the unravelling of the geology in this part of the Arctic Ocean. The cruise was a joint operation between the Norwegian Petroleum Directorate and the Universities of Bergen and Oslo. The University of Bergen provided the special seismic acquisition equipment for such a one-ship operation in sea ice conditions. The Swedish Polar Research Secretariat supplied the ship and provided logistic support during the cruise.

Photo: Halfdan Carstens

Correction: Please note that Norsk Geologisk Tidsskrift (NGT) Vol. 82, nr 2, was not correctly paginated. Issues of one volume of NGT should show consecutive page numbering, and the mistake in Vol. 82 nr 2 may lead to possible confusion with Vol. 82 nr 1. To avoid problems when referring to papers in Vol. 82, nr 1 and 2, issue numbers may be provided between brackets after the volume number.

NORWEGIAN JOURNAL OF GEOLOGY

2002 Number 3, Volume 82

Contents

- Kauko Laajoki, Fernando Corfu & Tom Andersen
Lithostratigraphy and U-Pb geochronology of the
Telemark supracrustals in the Bandak-Sauland area,
Telemark, South Norway 119

- Kauko Laajoki,
The Mesoproterozoic sub-Heddal unconformity, Sauland,
Telemark, south Norway 139

- Roy H. Gabrielsen, Alvar Braathen, John Dehls & David Roberts
Tectonic lineaments of Norway 153

- Einar Anda, Lars Harald Blikra & Alvar Braathen
The Berill Fault - first evidence of neotectonic faulting in
southern Norway 175

- Rolf Mjelde, Asbjørn Johan Breivik, Harald Elstad, Alf Eivind Ryseth,
Jan Reidar Skilbrei, Jan Gunnar Opsal, Hideki Shimamura, Yoshio Murai
& Yuichi Nishimura
Geological development of the Sørvestsnaget Basin,
SW Barents Sea, from ocean bottom seismic, surface seismic
and potential field data 183

ISSN 0029-196X
ISBN 82-92394-03-8



9 788292 394038

