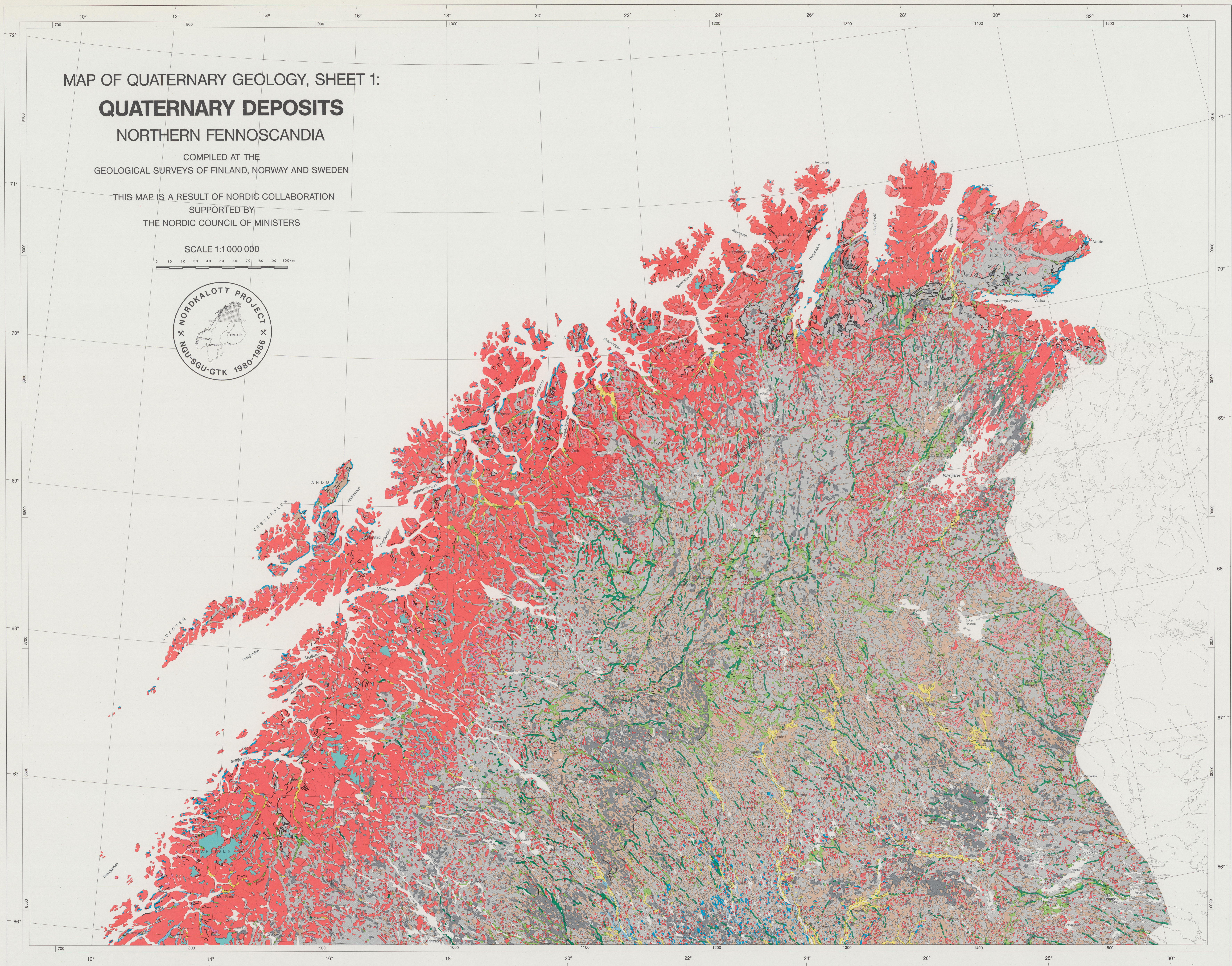
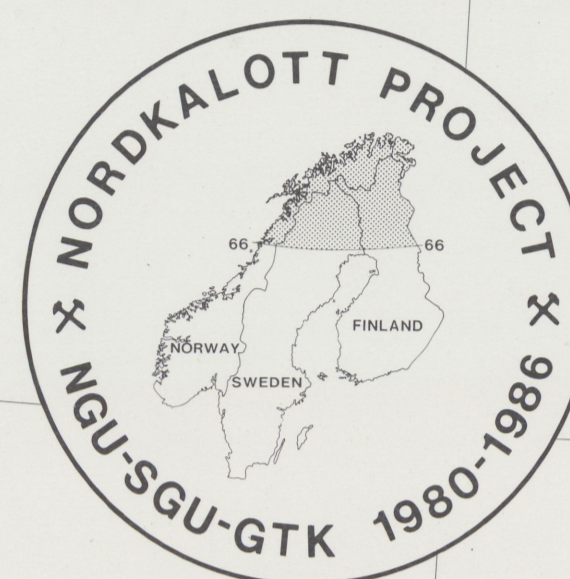
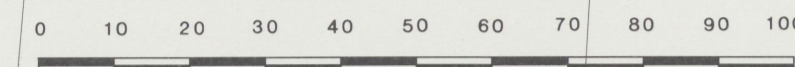


MAP OF QUATERNARY GEOLOGY, SHEET 1: QUATERNARY DEPOSITS NORTHERN FENNOSCANDIA

COMPILED AT THE
GEOLOGICAL SURVEYS OF FINLAND, NORWAY AND SWEDEN

THIS MAP IS A RESULT OF NORDIC COLLABORATION
SUPPORTED BY
THE NORDIC COUNCIL OF MINISTERS

SCALE 1:1 000 000



LEGEND · TECKENFÖRKLARING

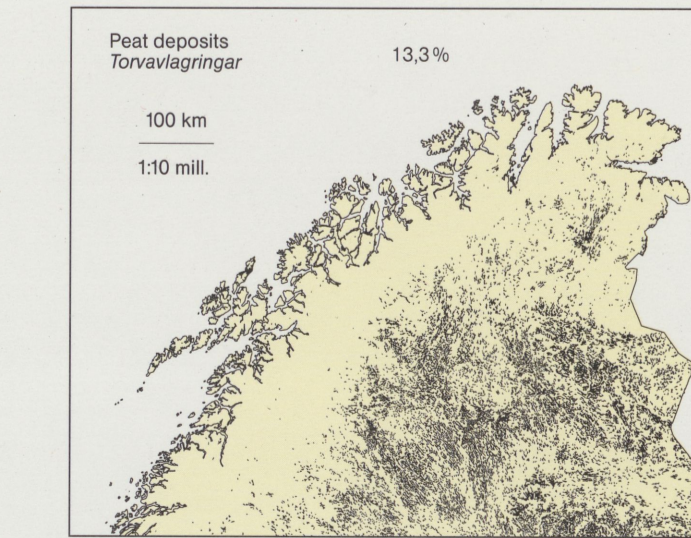
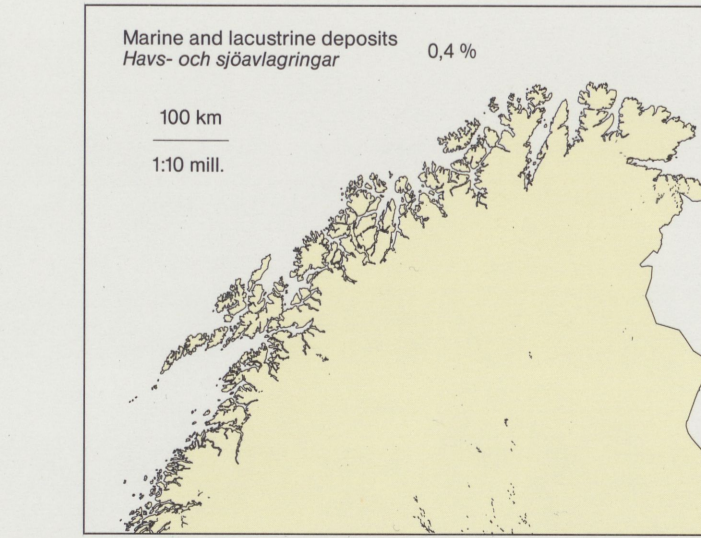
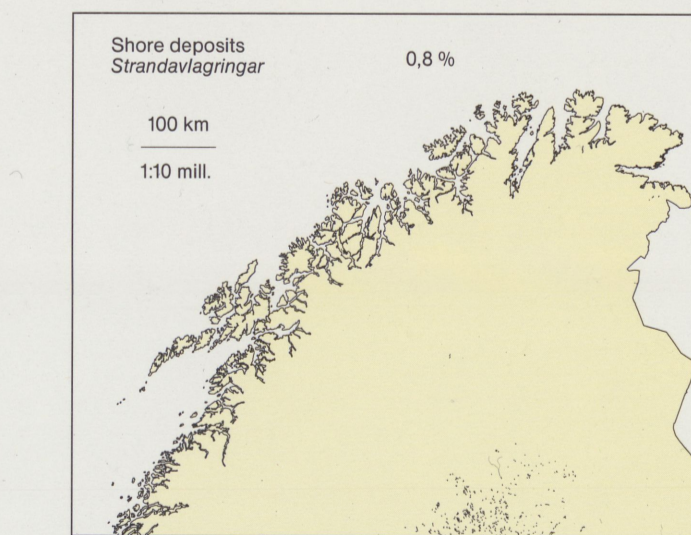
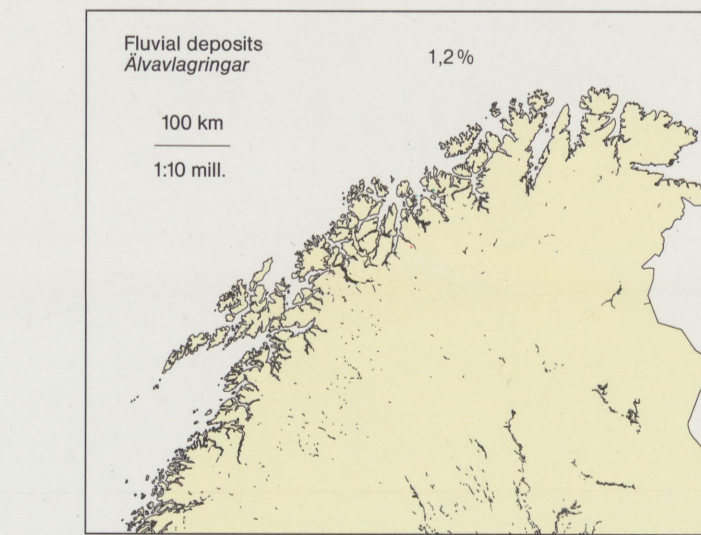
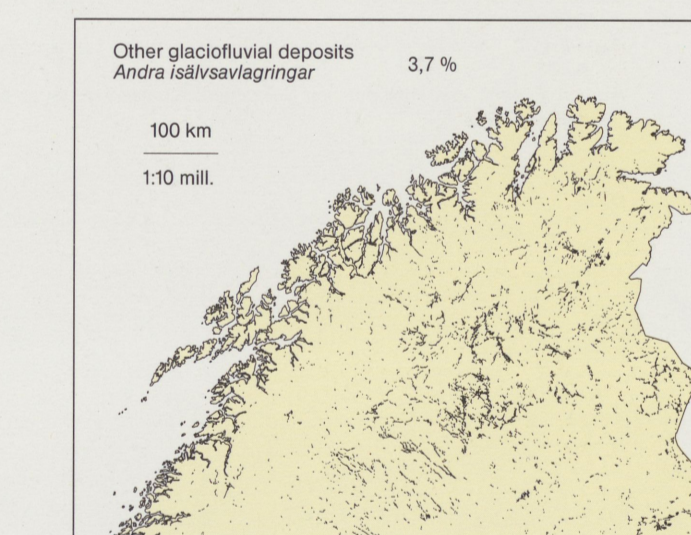
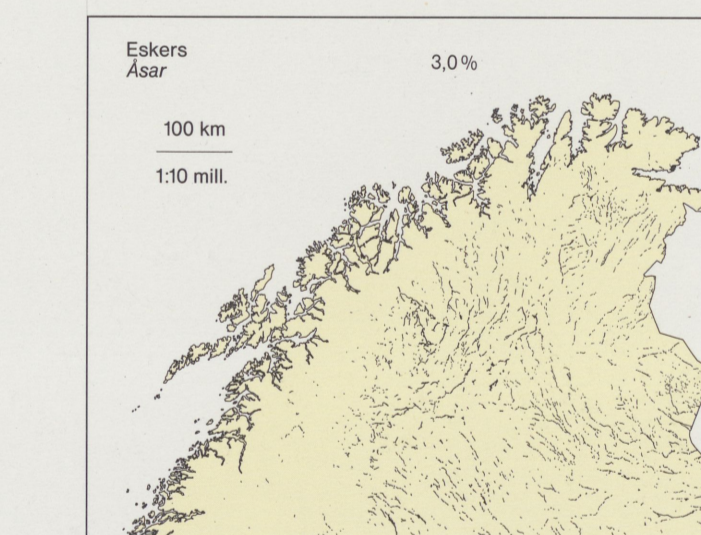
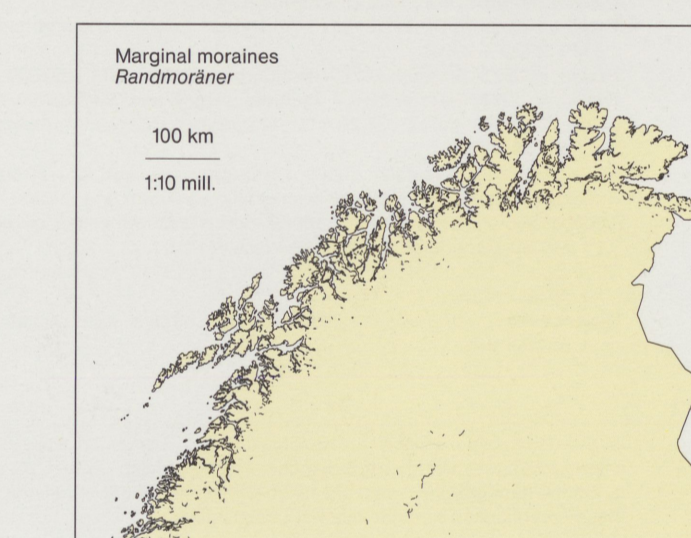
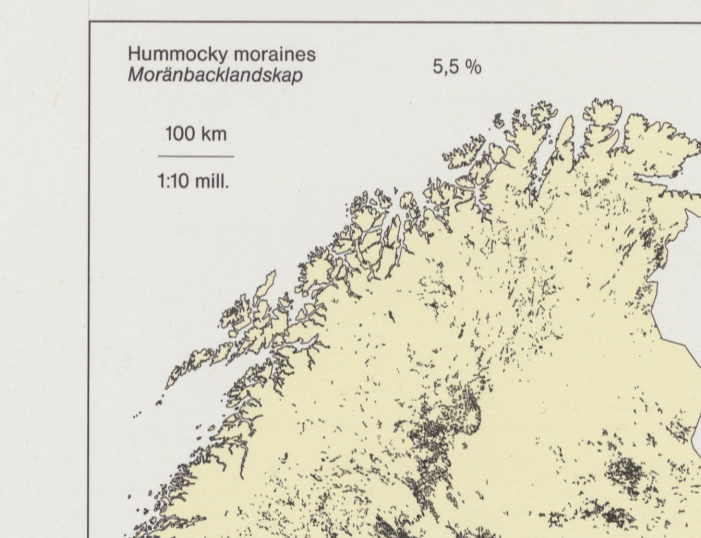
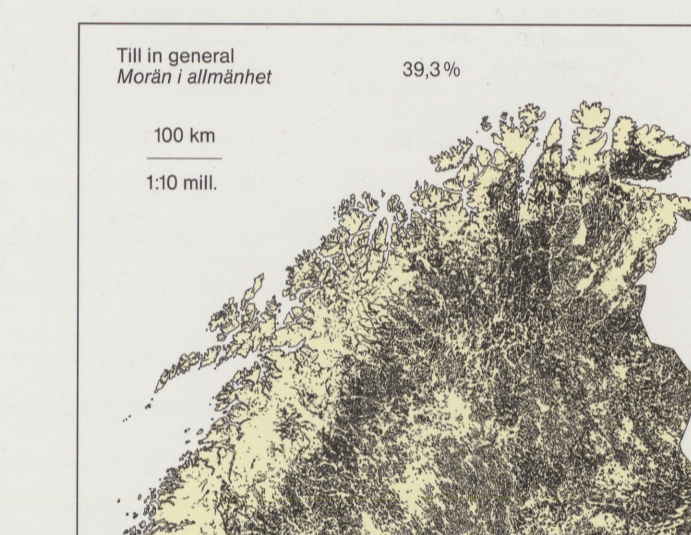
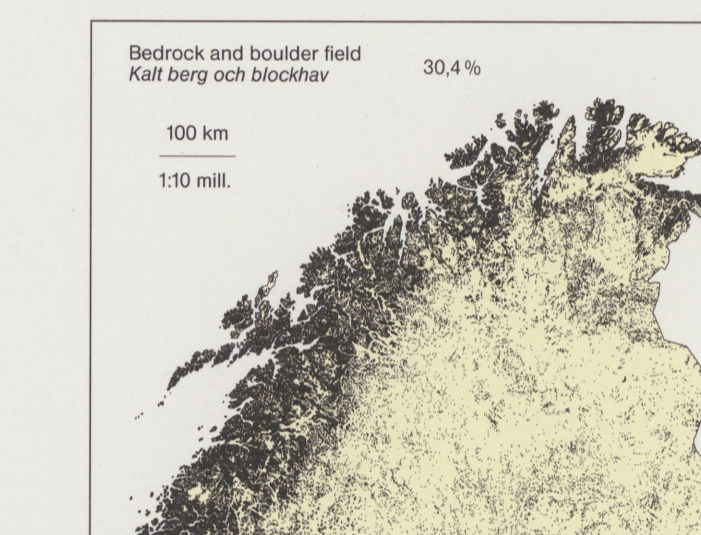
- | | |
|--|--|
| Bedrock and bedrock with a thin (0.5–1.0 m) or discontinuous cover of superficial deposits.
Kall berg och berg med tunn (0.5–1.0 m) eller ojämnlaggad jordtäckning. | Other glaciofluvial or glaciolacustrine deposits.
Andra sällsvavlingar samt isösvavlingar. |
| Talus and rapid mass-movement deposits.
Talus och skredavlagringar. | Fluvial deposits (gravel, sand and silt).
Älvavlagringar (grus, sand och silt). |
| Boulder field (frost-shattered deposits).
Blockhav. | Shore deposits (gravel and sand).
Strandavlagringar (grus och sand). |
| Till in general.
Morän i allmänhet. | Marine and lacustrine deposits (mainly silt and clay).
Havs- och sjöavlagringar (f. allmänhet silt och lera). |
| Hummocky moraines.
Moränbackenslag. | Eolian deposits.
Vindavlagringar. |
| Marginal moraines or zone of marginal moraines.
Randmoräner eller randmoränbälte. | Peat deposits.
Torvavlagringar. |
| Eskers and kames.
Åsar och kames. | Glaciers.
Glaciärer. |

DISTRIBUTION AND %-COVERAGE OF DIFFERENT QUATERNARY DEPOSITS

See the legend. %-values of total land area.

FÖRDELNING OCH %-ANDEL AV OLIKA KVARTÄRA AVLAGRINGAR

Se teckenförklaringen. %-värden av totalt landområde.



Subproject members:
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R. Sutinen, M. Thoresen

Digitized: K. Mäkinen, S. Pasma
Geological Survey of Finland, Rovaniemi

MAP OF QUATERNARY GEOLOGY, SHEET 1: QUATERNARY DEPOSITS NORTHERN FENNOSCANDIA

See references on the reverse side of the map.
Se referenser på kartans baksida.

The topographic base has been compiled by the Publications Division of the National Board of Survey of Finland in cooperation with the National Land Survey of Sweden and the Geographical Survey of Norway.
Lamberts conformal conical projection. Standard parallels 54° N and 66° N, centre meridian 18° E.
Lat=66° N and long=18° E correspond to x=8472.976, y=1000.000.

Det topografiska underlaget har sammanställts av Lantmäterimyternas karttryckeri i Finland i samarbete med Lantmäteriverket i Sverige och Norges Geografiske Oppmåling.
Lamberts konforma koniska projektion. Standardparallellar 54° N och 66° N, medellängd 18° Ö.
Lat=66° N och long=18° Ö motsvarar x=8472.976, y=1000.000.

This map is a result of the Nordkalott Project, a joint venture (1980–1986) between the Geological Surveys of Finland, Norway, Sweden and Greenland (Denmark) to define one province in Fennoscandia north of latitude 66° N by means of regional geological, geophysical, geochemical and remote sensing methods. Project leader: G. Kaukaly.

Bibliographic reference: Map of Quaternary Geology, Sheet 1: Quaternary deposits, Northern Fennoscandia, 1:1 mill.
Geological Surveys of Finland, Norway and Sweden, 1987. ISBN 91-7158-377-7.

Sources of information:

In Finland the map is mainly based on general geological maps at a scale of 1:400 000 compiled by the Geological Survey of Finland. The map is also based on unpublished maps at a scale of 1:50 000.

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Johansson, P., in prep. Kopsajärvi 2742 2, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
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Salmen, R., in prep. Kitti 2732 2, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
Salmen, R., in prep. Järvijärvi 2741 1, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
Salmen, R., in prep. Palttunturi 2742 1, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
Salmen, R., in prep. Pääjärvi 2742 2, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
Salmen, R., in prep. Kivijoki 2743 1+2, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.
Uusikallio, J., in prep. Vuoksi 2742 1, Maaperäkarta (Map of Quaternary deposits) 1:50 000. GTK.

In Norway the map is mainly based on maps compiled by the Geological Survey of Norway. Unpublished maps at a scale of 1:250 000 compiled by interpretation of air photos cover most of the area. In addition several other maps, some of them modified, are used.

NGU - Norges geologiske undersøkelse (Geological Survey of Norway)
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In Sweden the map is based on investigations by R. Lagerlöf (topographical map sheets 26-32 A), H. Malm (topographical map sheets 27-31 A, 25 and 26) and L. Rodhe (topographical map sheets 26-28 H and 27-31). Additional information has been obtained from the following publications:

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Handwritten text in green ink, oriented vertically and rotated 90 degrees clockwise. The text reads: "EINMANNEN / RIEINNE ITAVÄ / KÄIKKAUSTRÄ".