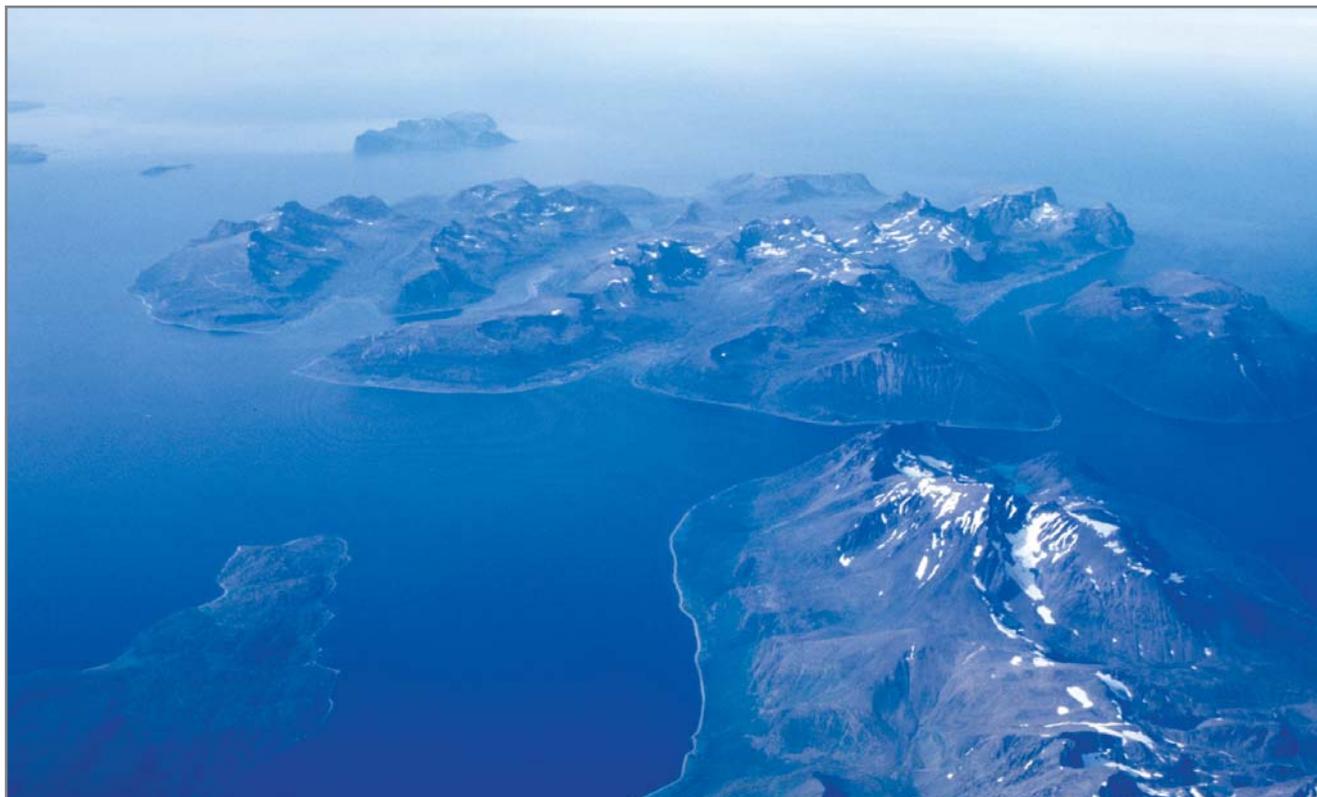


## Petrophysical data

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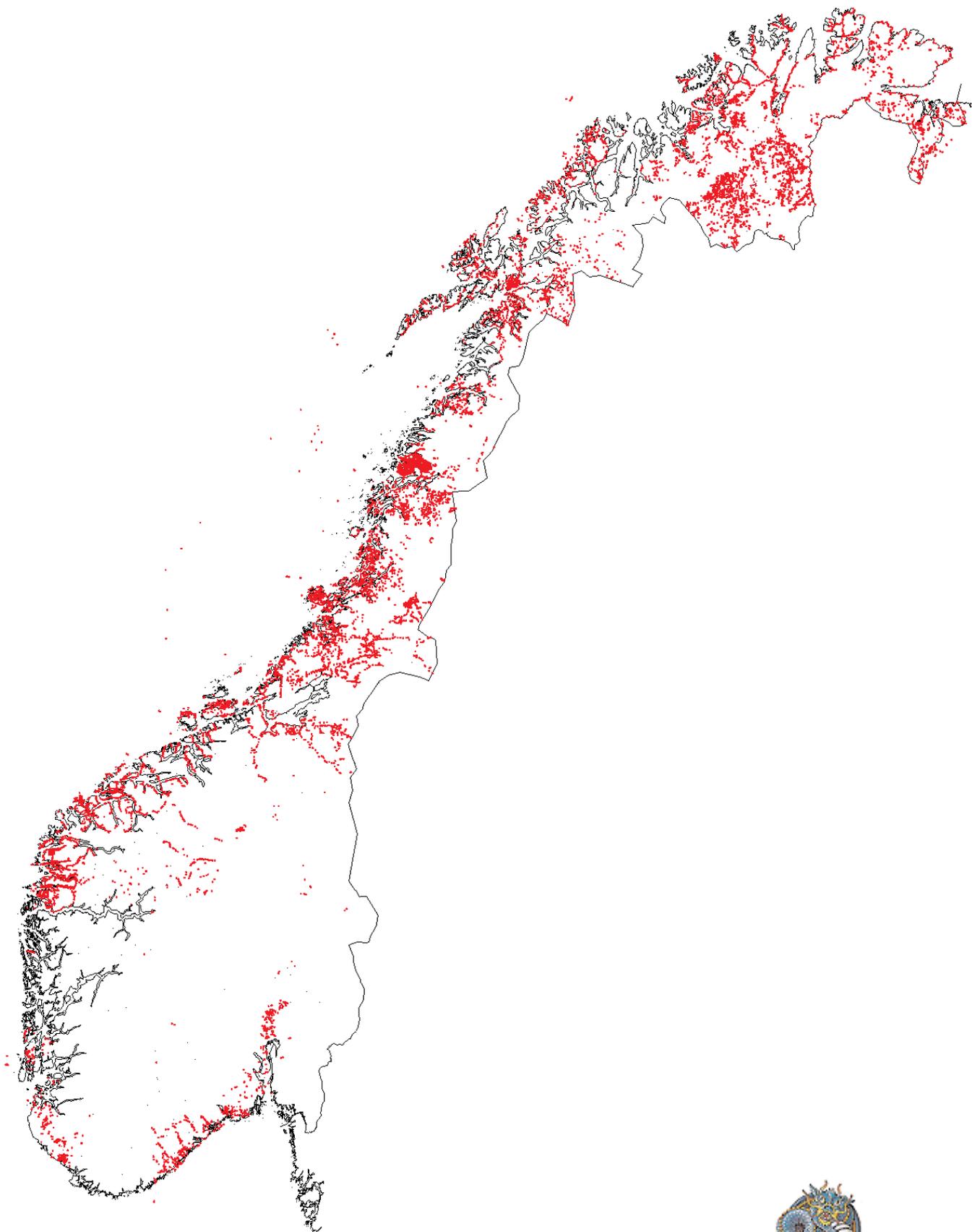
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The Geological Survey of Norway (NGU) has established a petrophysical database, which contains measurements of density, magnetic susceptibility and natural remanent magnetization of rock specimens from the main lithologies in selected areas. The rock samples have been collected by NGU and academic institutions since the 1930's, and the measurements were carried out at the petrophysical and palaeo-magnetic laboratory at the NGU during the last 25 years.

The database contains data for a total of 36,164 rock samples. Some of the sampling programmes have been concentrated in coastal areas, and particular attention has been paid to regions where the potential field data show that basement structures continue from land into the continental shelf. Statistical parameters have been calculated for regionally extensive lithologies and rock groups (basement complexes, individual nappes, greenstone belts, intrusions, mafic complexes). Rock units with only local significance have been excluded from the data-set (sulphide mineralisation, hydrothermal alteration zones). Reports on the petrophysical data from Finnmark and Central Norway can be purchased from NGU.

Part of the offshore study is carried out as a collaboration project with Sintef (Origin of Sediment-Related AeroMagnetics - OSRAM). The location map shows all the sample points in the database.



Digital geophysical data sets

Petrophysical data, mainland Norway from 26.820 bedrock samples (density, magnetic susceptibility and remanence) and offshore from 9.344 susceptibility measurements

Petrophysical data-sets from central Norway, Finnmark and offshore Norway (OSRAM) are accompanied by reports which describe the measuring procedures and statistical tables, frequency distributions and colour maps at the scale of 1:500.000.

Price (NOK)

12.000



The Geological Survey of Norway's DRAGON project provides direct access to geophysical data, interactive map databases, digital maps and other geophysics products at web address [WWW.NGU.NO/DRAGON](http://WWW.NGU.NO/DRAGON).