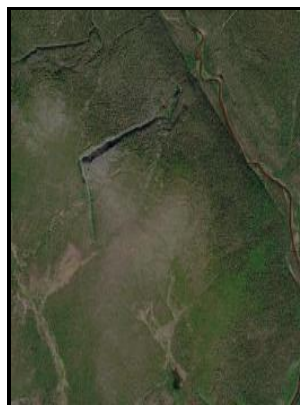


# Granulite complex and adjacent rocks in Lapland, northern Finland

## Geologinen tutkimuslaitos - Petrology of nattanen



Description: -

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281.

Bulletin (Geologinen tutkimuslaitos (Finland)) ;

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Notes: Bibliography: p. [127]-129.

This edition was published in 1976



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## FIRE 4A Tectonic overview

Об условиях посткинematической стадии метаморфизма заключают по данным стабильности минералов, а также с помощью данных радиометрических измерений, геотермометрических и термобарометрических данных и на основании отдельных газовых включений в минералах. In this study, we systematically inventoried geodiversity and topographical parameters in an area of 285 km<sup>2</sup> in subarctic Finland.

## Geodiversity of high

The first orogenic stage was dominated by northeastward compression related to the Svecofennian orogeny that accreted the Paleoproterozoic supracrustal formations of the Central Lapland greenstone belt CLGB onto the Archean basement. Explanation to the Map of Rocks Suonen Geol.

## Kauko Meriläinen

We quantified the spatial variation of geodiversity using four different measures and analysed the relationship between geodiversity and topography using a spatial grid system at a landscape scale the size of the analysis window was 500 × 500 m.

## Petrology of nattanen

The Precambrian crust of northern Finland has been the subject of detailed geochemical and petrological studies. Geological Survey of Finland, Special Paper 43, 161—222.

## Ultramafic Rocks and Related Ore Minerals of Lapland, Northern Finland

Геохимические данные пород и геотектонические взаимоотношения указывают на существование древней системы островных дуг, Зона сланца West Inari пояса реки Тапа можно рассматривать, как вешнюю толениитовую дугу, гранулитовый комплекс

-, как внутреннюю известково-щелочную дугу и гранито-гнейсовый комплекс с ядром Кола на NE, как стабильный материковый блок. Combined gravity and magnetic modelling of the Tanáelv and Lapland Granulite Belts, POLAR profile, northern Baltic. Geological Survey of Finland, Special Paper 44, 7—56.

### **Relationships between granite**

Die geochemischen Daten der Gesteine und die geotektonischen Verbandsverhältnisse weisen auf die Existenz eines alten Inselbogensystems hin.

### **Kauko Meriläinen**

Thus, we recommend that further studies focus on: 1 quantifying spatial patterns of geodiversity in different regions, 2 determining the key drivers that control the variability of geodiversity and 3 exploring the linkage between geodiversity and biodiversity. The regional and temporal development of the mineral assemblages is discussed. Krats, Petrozavodsk, Russia, 2000 Petrozavodsk, 2000 , pp.

### **The Precambrian of Finnish Lapland: Evolution and regime of metamorphism**

La croûte archéenne de Laponie Fennoscandie comprend quatre unités principales.

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