

# Later Proterozoic stratigraphy of the northern Atlantic regions

## Blackie - Later Proterozoic Stratigraphy of the Northern Atlantic Regions



Description: -

- Geology -- North Atlantic Region.

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### Stratigraphy of the Fleur de Lys Belt, northwest Newfoundland

The scope of the increasingly apparent in recent years, because the original research was extended to include formerly introduction of many new methods of resolving pro adjacent areas and, as a result, a number of useful blems in complex metamorphic terrains has unlocked a correlations between these regions can be made. The Neoproterozoic siliciclastic sequence is similar to other clastic sections formed at the breakup of Rodinia, but its paleogeographic origin and crustal affinity are uncertain. This discriminant method, which yields a conclusion consistent with the field evidence, despite possible effects of metamorphism, is considered more promising, especially as it should be applicable in other Proterozoic suites where, either because of metamorphism or the splitting of the outcrop into tectonically isolated fragments, the tectonic setting is not revealed by other methods.

### Proterozoic Evolution of the North Atlantic

The sedimentology, whole-rock trace element geochemistry, need for such a comprehensive review has become geophysics, and isotopic age dating. These terranes were subsequently complexly deformed and modified during the younger Devonian-Carboniferous Ellesmerian and Paleogene-Eocene Eurekan orogenic events that affected western Svalbard.

### Later Proterozoic Stratigraphy of the Northern Atlantic Regions

Field evidence shows the Late Proterozoic Erris Group of NW Ireland to be a clastic succession deposited in an intracratonic basin and subsequently metamorphosed during the Caledonian event.

### Later Proterozoic Stratigraphy of the Northern Atlantic Regions

Levertijd We doen er alles aan om dit artikel op tijd te bezorgen.

### Tectonic setting discrimination in clastic sequences: an example from the Late Proterozoic Erris Group, NW Ireland

However, a comparison of trace element concentrations is consistent with the field evidence in concluding that the entire succession was laid down in an intracratonic basin. The sedimentology, whole-rock trace element geochemistry, need for such a comprehensive review has become geophysics, and isotopic age dating. Funding for this research has come from many bordering the North Atlantic that were once situated sources, including the Natural Environment Research rth of the Iapetus Suture and the Tornquist Line.

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