

Central Highlands (Grampian) Terrane - metamorphic basement, Northern Ireland

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Introduction

The Mesoproterozoic and Neoproterozoic metamorphic basement in Northern Ireland consists of deformed and metamorphosed sedimentary and volcanic rocks. Their distribution here is viewed as a continuation of similar lithologies and stratigraphical sequences in Scotland and northwest Ireland^[1]. In Scotland the southern boundary of this terrane is the Highland Boundary Fault. In Northern Ireland geophysical evidence indicates that the Fair Head-Clew Bay Line ([Chapter 1](#)) and ([Chapter 19](#)) is the southwesterly continuation of that fault although basement rocks do occur south of that line in the Central Inlier of Co. Tyrone^[2]. The rocks are divided into a Pre-Dalradian Basement and the Dalradian Supergroup.

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References

1. Hutton, D H W. 1987. Strike-slip terranes and a model for the evolution of the British and Irish Caledonides. *Geological Magazine*. 125, 405-25.
2. Bluck, B J, Gibbons, W, and Ingham, J K. 1992. Terranes. In: Cope, J C W, Ingham, J K, and Rawson, P F (eds.). *Atlas of Palaeogeography and Lithofacies*. *Geological Society of London, Memoirs*, 13, 1-4.

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