

# **Six Common Kinds of Rock from Ireland**

**Fully revised and illustrated second edition**

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## Preface and Acknowledgements

These notes and accompanying rock samples are a teaching resource supplied free of charge to primary and secondary schools throughout Ireland. The notes aim to give plain facts and explanations for teachers wishing to understand more about rocks, whether they are teaching classes in the examination years of secondary school, or in the early years of primary education. The notes also cover the geology component of Core Unit 1 in the new (2004) syllabus for the Leaving Certificate Examination in Geography.

Please pass the samples around the class and handle them. If they get grubby with use, they will respond to gentle scrubbing in warm soapy water!

To obtain further copies of this booklet and to ask for extra rock samples visit:  
[www.tcd.ie/geology/outreach/](http://www.tcd.ie/geology/outreach/)

Students and staff at the Department of Geology in Trinity College who prepared the rock samples (more than 60,000 pieces in total) are grateful to the following people for their kind permission to collect material:

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Photograph credits: Peter Coxon (Figs 10, 21), George Sevastopulo (Figs 7, 19), John Graham (Figs 6, 8) and Juan Carlos (Fig. 9).

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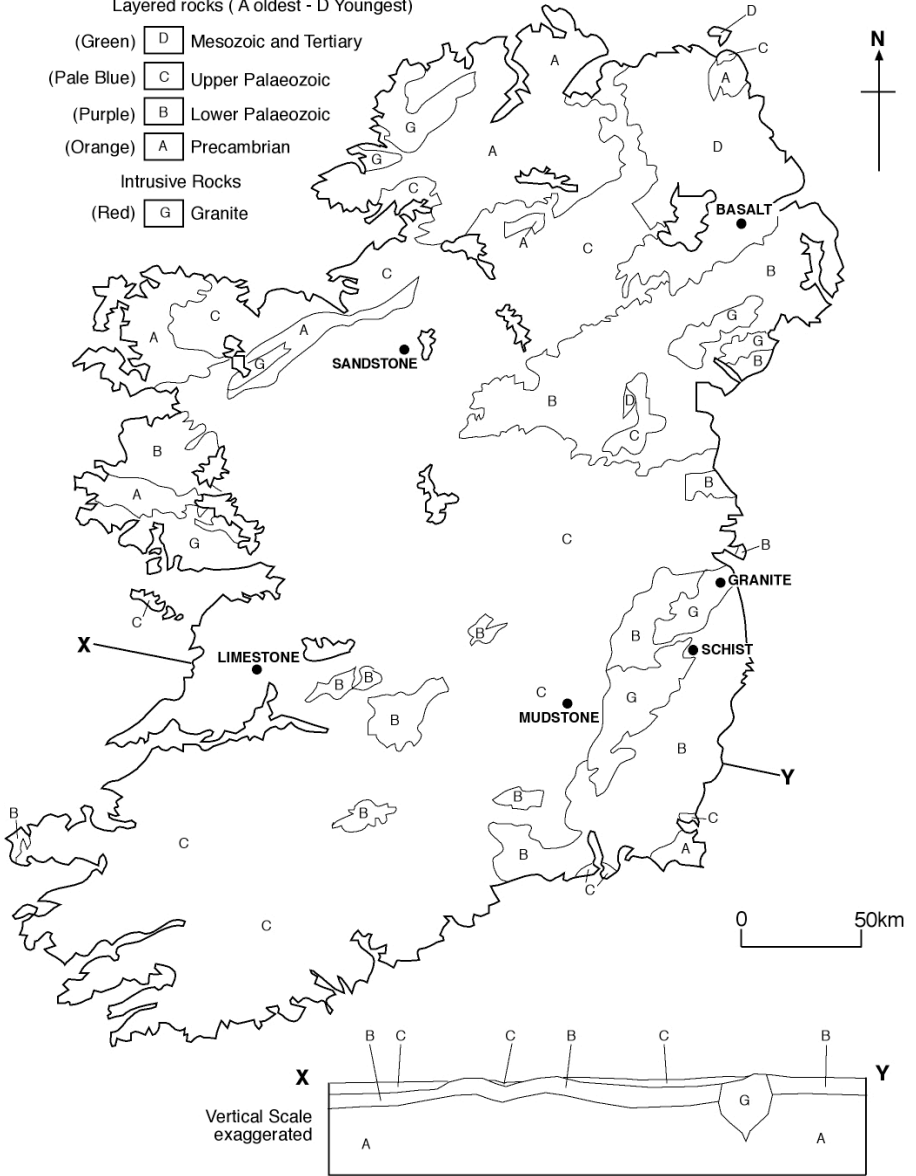
# GEOLOGICAL MAP OF IRELAND

Layered rocks (A oldest - D Youngest)

- (Green) D Mesozoic and Tertiary
- (Pale Blue) C Upper Palaeozoic
- (Purple) B Lower Palaeozoic
- (Orange) A Precambrian

Intrusive Rocks

- (Red) G Granite



Subsurface cross section X - Y