

Bedrock Geological Map of Ireland

1:500,000 scale

Derived from the Geological Survey of Ireland 1:100,000 Bedrock Map Series and the Geological Survey of Northern Ireland 1:250,000 Geological Map of Northern Ireland

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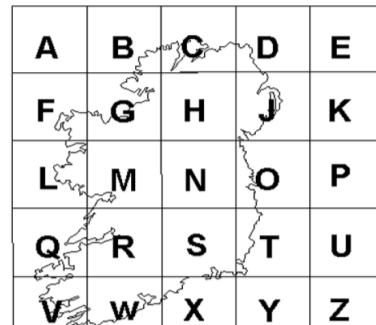
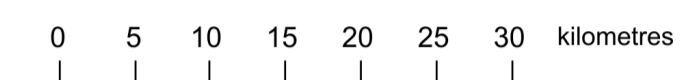
Compiled by B. McConnell and S. Gately
For data sources see GSI 1:100,000 Bedrock Map Series and GSI 1:250,000 Geological Map of Northern Ireland

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Base map derived from 1:600,000 mapping
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The National Grid
The grid is shown only where it is shown by the map. It is not shown where it is not appropriate to the location of the position in that sequence

- CRETACEOUS**
- 63 Lacustrine clay, sand & siltstone
- QUATERNARY**
- 62 Upper Basal Formation
Clay, sandstone & siltstone
- 61 Lower Basal Formation
Clay, sandstone & siltstone
- 60 Interbasal Formation
Clay, sandstone & siltstone
- 59 Lower Basal Formation
Clay, sandstone & siltstone
- 58 Unconformable minor volcanic rocks
- MESOZOIC**
- 57 Shallow marine (Upper Cretaceous)
Clay, siltstone, sandstone & chalk breccia
- 56 Shallow marine (Lower Cretaceous)
Sandstone & siltstone
- 55 Continental red bed facies (Purto-Tralee, Wicklow)
Sandstone & mudstone with evaporite
- 54 Continental red bed facies & shallow marine
Sandstone, conglomerate, magnesian limestone, marl, evaporite
- DEVONIAN**
- 53 Devonian & shallow marine
Shale, sandstone & siltstone with coal
- 52 Devonian & shallow marine (Devonian)
Shale, sandstone, siltstone & coal
- 51 Devonian red bed facies (see Devonian to early Westphalian)
Sandstone, conglomerate & mudstone
- 50 Devonian & minor marine
Shale, sandstone, siltstone & coal
- 49 Devonian, mudstone & coal
Magnesian limestone (Burren Group)
- 48 Devonian, sandstone & mudstone
Shallow water marine (Athlone Group)
- 47 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 46 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 45 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 44 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 43 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 42 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 41 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 40 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 39 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 38 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 37 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 36 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 35 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 34 Devonian, sandstone & mudstone
Subvolcanic with red partings
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Subvolcanic with red partings
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Subvolcanic with red partings
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Subvolcanic with red partings
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Subvolcanic with red partings
- 7 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 6 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 5 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 4 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 3 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 2 Devonian, sandstone & mudstone
Subvolcanic with red partings
- 1 Devonian, sandstone & mudstone
Subvolcanic with red partings

Cross-section from Bannagh Head, NW Mayo to Carrone Point, SE Wexford
Units numbered as on map. Contact or diagrammatic units explained in separate legends.
Horizontal scale 1:200,000. Vertical scale 1:250,000.
--- unconformity

