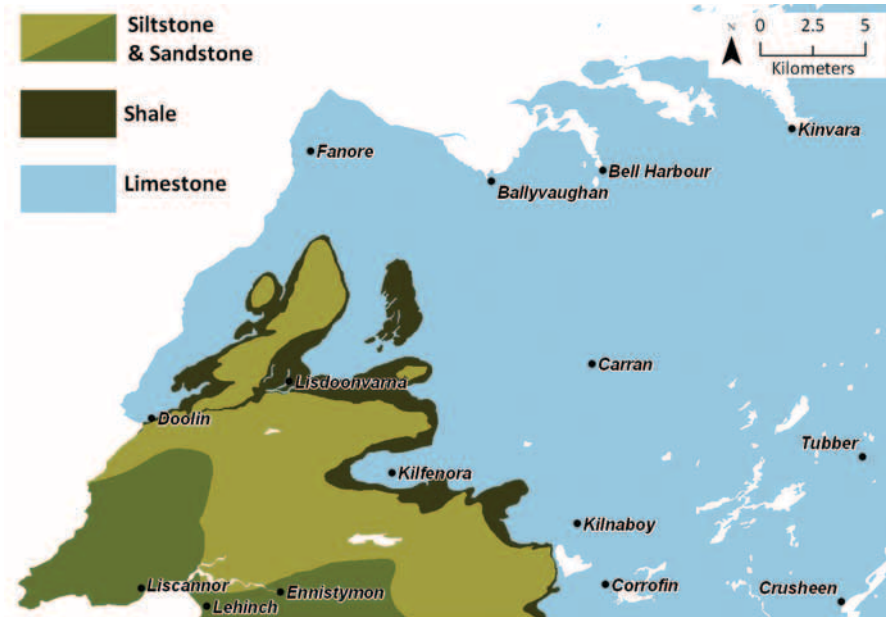


Map

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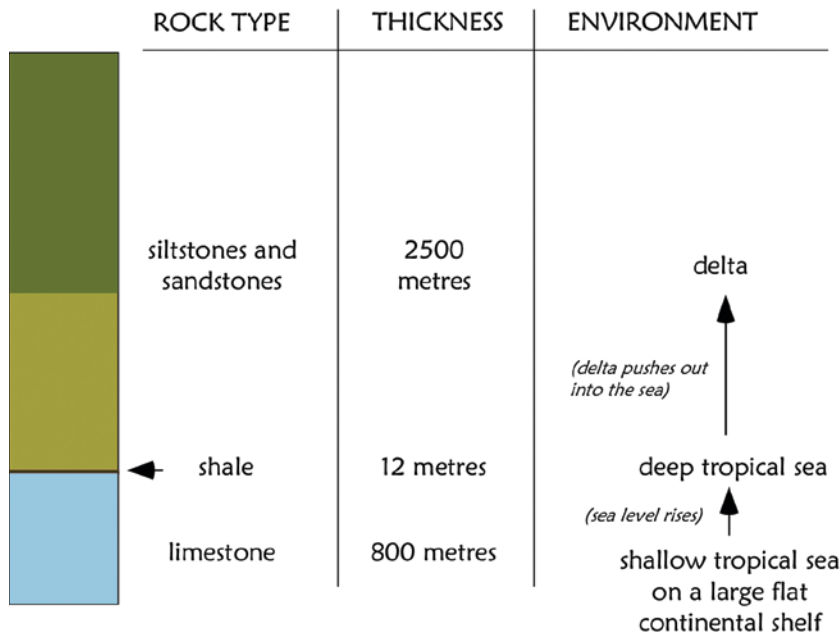
Bedrock geology map of North Clare



Bedrock geology map of North Clare

There are three major types of rock found in North Clare (all of which are sedimentary in origin) limestones, shales and siltstone/sandstone

The geological map shows the distribution of these three rock types.



Rock Type	Composed of	Size of grains	Mechanical strength	Dissolves in rainwater?
Limestone	calcium carbonate (CaCO ₃)	coarse grained (grains visible with the naked eye)	strong (good building stone)	Yes
Shale	clay (FeMgAlSiO ₃)	very fine grained (grains visible only with microscope)	weak (poor building stone)	No
Siltstone and sandstone	silica (SiO ₂)	medium to coarse grained (grains visible with the naked eye)	strong (good building stone)	No