

# Doughend Sandstone Member

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## Doughend Sandstone Member (**DHS**), Carboniferous, Midland Valley of Scotland

Doughend Sandstone Member is part of the [Kinnesswood Formation](#).

### Name

Previously named the Dug Head Sandstone Member, which is considered to be a misspelling. See [Monro \(1999\)](#); [British Geological Survey \(2002a; 2002b; 2002c; 2005\)](#).

### Lithology

Mainly sandstone with a few concretion.

### Stratotype

The type section comprises coastal exposures on the south-west side of Great Cumbrae Island, North Ayrshire (NS 149 549 to 149 544). There the boundaries with over and underlying strata are faulted, though they have been mapped as stratiform elsewhere across the island (see [Monro, 1999](#)).

### Lower and upper boundaries

The lower boundary is inferred to disconformably overlie red-brown sandstone of the Late Devonian Kelly Burn Sandstone Formation, Stratheden Group ([Browne et al., 2001](#)).

The upper boundary is conformably overlain by red-brown silty mudstone, with carbonate-cemented concretions, of the [Foulport Mudstone Member](#) of the [Kinnesswood Formation](#) (Figure 6, Column 2).

### Thickness

About 30 m. [BGS \(2008\)](#) gave a generalised thickness of 36 m for the member.

## Distribution and regional correlation

The Doughend Sandstone Member is known only on the island of Great Cumbrae, where it is exposed on the south-west of the island in the vicinity of Doughend Hole (NS 149 544). The member is mapped at outcrop north-eastwards across the island. The outcrop is limited to the east by the Kaimes Bay Fault where the member is part of the hanging-wall sequence.

## Age

Late Devonian?

## References

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