

The type Ludlow Series: Bentonites

Bentonites have the potential for use in Silurian correlations, as demonstrated by Batchelor & Jeppsson (1994) for Llandovery (lower Silurian) strata on Gotland. They occur in the type Ludlow succession, and are particularly conspicuous in its lower part, but any potential for correlation has yet to be investigated.

Bentonites have been recorded from the following formations and localities.

- Lower Elton Formation at Pitch Coppice Quarry (bed F2) and along the Goggin Road (localities A2, A3, A4, A5 and A6).
- Middle Elton Formation along the Goggin Road (localities A9, A12, A13, A14, A16, A17, A18 and A22).
- Lower Bringewood Formation of the Deer Park Road section. White & Lawson (1978, p. 7) noted that a bentonite up to 10 cm thick occurred about 4 m below the top of the formation; this level occurs within strata at locality B5.
- Upper Bringewood Formation (localities C2 and C4) at Sunnyhill Quarry.
- Lower Leintwardine Formation (localities C10 and C12) at Sunnyhill Quarry.
- Upper Whitcliffe Formation. A 1 cm thick clay-rich volcanic ash occurs 15 m below the top of the Upper Whitcliffe Formation at Ludford Corner (Whitcliffe Road).

Batchelor, R.A. & Jeppsson, L. 1994. Late Llandovery bentonites from Gotland, Sweden, as chemostratigraphic markers. *Journal of the Geological Society, London*, **151**, 741-746.

See: [Deer Park Road](#), [Goggin Road](#), [Pitch Coppice Quarry](#), [Sunnyhill Quarry](#), [Whitcliffe Road](#).

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