

Southern Region Chalk Group

Lithostratigraphy: Bristow et al. (1997) - Margate Chalk

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The Margate Chalk, c. 20-25 m thick, occurs on the East Kent coast and local tectonic highs (Bristow *et al.*, 1997). It was originally described by Robinson (1986), comprising very soft, pure white, sparsely flinty chalk, and equates with the highest Seaford Chalk and lower to middle Newhaven Chalk of Bristow *et al.* (1997). The base of the unit is marked by the Barrois Sponge Bed of the North Downs Chalk Group succession, and the top is the Tertiary erosion surface on the Isle of Thanet (Bristow *et al.*, 1997).

Macrofossil Biozonation: top *M. coranguinum* Zone, *U. socialis* Zone, *M. testudinarius* Zone, ?*U. anglicus* Zone, basal *O. pilula* Zone

Correlation: see Correlation with other Southern Region successions

see Correlation with other UK successions

References

BRISTOW, C. R., MORTIMORE, R. N. & WOOD, C. J. 1997. Lithostratigraphy for mapping the Chalk of southern England. *Proceedings of the Geologists' Association*, Vol. **108**, 293-315.

ROBINSON, N D.1986. Lithostratigraphy of the Chalk Group of the North Downs, southeast England. *Proceedings of the Geologists' Association*, Vol. **97**, 141-170.

See: Margate Chalk (Robinson, 1986), flint, Seaford Chalk, Newhaven Chalk, Barrois Sponge Bed.

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