

Southern Region Chalk Group

Lithostratigraphy: Bristow et al. (1997) - Zig Zag Chalk

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The Zig Zag Chalk (lower boundary reference section: foot of Zig Zag Hill [ST 8911 2071]), comprises c. 50 m of firm, pale-grey to off-white, blocky chalk, rhythmically bedded with soft grey marls in the lower part, becoming massively bedded with thin, grey marls in the upper part (Bristow *et al.*, 1997). Key marker beds are the Cast Bed at the base, Jukes-Browne Bed 7 around the middle of the unit, and the Plenus Marls marking the top of the unit (Bristow *et al.*, 1997). The Zig Zag Chalk equates with the upper part of the Chalk Marl and the Grey Chalk (plus White Bed where developed) of traditional classifications (Bristow *et al.*, 1997).

Macrofossil Biozonation: *A. rhotomagense* Zone (pars), *A. jukesbrownei* Zone, *C. guerangeri* Zone, *M. gelinianum* Zone (pars)

Correlation: see Correlation with other Southern Region Chalk Group classifications

see Correlation with other UK Chalk Group 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.

See: marl, Cast Bed, Jukes-Browne Bed 7, Plenus Marls, Chalk Marl (traditional classification), Grey Chalk (traditional classification), White Bed (traditional classification)

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