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# Category:Chalk Group Lithostratigraphy: Marlborough Downs/Berkshire Downs/Chilterns

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The Chalk Group of this region has some distinct lithostratigraphical features compared to adjacent areas. In the Lower Chalk, an erosive calcarenite (Totternhoe Stone) has removed part of the succession, and in the Middle and Upper Chalk there is a variably developed series of hardgrounds (the Chalk Rock & Top Rock), that condense out parts of the thicker successions seen in the Southern Region. The lithostratigraphical scheme of Bristow et al. (1997) remains largely untested over the region (Wood, 1996), parts of which have recently been mapped by the BGS (e.g. Shephard-Thorn et al., 1994) following the traditional tripartite subdivision of the Chalk outlined by Jukes-Browne & Hill (1903, 1904). The following summarises the lithostratigraphical nomenclature applicable to the region:

## Lithostratigraphy for Berkshire Downs/ Marlborough Downs/Chilterns

FORMATION	MEMBERS	KEY MARKER BEDS
		(Clandon Hardground)
Upper Chalk		(Top Rock) Chalk Rock)
Middle Chalk		
	Plenus Marls	(Melborm Rock)
	Grey Chalk	
Lower Chalk	Tottomhoe Stone	
	Chalk Marl	
	Glaucinitic Marl/Cambridge	
	Greensand	

## References

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- WOOD, C. J.** 1996. Upper Cretaceous: the Chalk Group. In **SUMBLER, M. G.**, *British Regional Geology: London and the Thames Valley*. Fourth Edition. (London: HMSO for the British Geological Survey).

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- [Chalk Group Lithostratigraphy: Marlborough Downs/Berkshire Downs/Chilterns - Chalk Rock: Middle Hardground Suite](#)
- [Chalk Group Lithostratigraphy: Marlborough Downs/Berkshire Downs/Chilterns - Chalk Rock: Top Hardground Suite](#)

- [Chalk Group Lithostratigraphy: Marlborough Downs/Berkshire Downs/Chilterns - Top Rock](#)
- [Chalk Group Lithostratigraphy: Marlborough Downs/Berkshire Downs/Chilterns - Clandon Hardground](#)

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