

**Comparison of the Geology and Prehistoric Environments of the Castle Hayne and Pungo  
River Formations**

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Quantitative Methods of Rocks and Minerals

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### Abstract

*Comparison of the Geology and Prehistoric Environments of the Castle Hayne and Pungo River Formations* is an analytic comparison of the geological composition and prehistoric environments of the Castle Hayne Formation and the Pungo River Formation. The goal of this paper is to provide a general understanding of these two formations, the processes that formed them, and how the two similar environments differ. The study will use geologic surveys, the fossil record, and expert analysis of geologic processes to accomplish this objective.