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Storm and Tide influenced Depositional Architecture of the Pliocene–Pleistocene Chad Formation, Chad Basin (Bornu Sub–basin) NE Nigeria: A Mixed Fluvial, Deltaic, Shoreface and Lacustrine Complex

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1 **Storm and Tide influenced Depositional Architecture of the Pliocene–Pleistocene Chad**
2 **Formation, Chad Basin (Bornu Sub–basin) NE Nigeria: A Mixed Fluvial, Deltaic,**
3 **Shoreface and Lacustrine Complex**

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25 **ABSTRACT**

26 Lithofacies analyses of the upper part of the Chad Formation (Bama Ridge Complex) in the
27 Bornu Sub–basin of the Chad Basin indicated four facies associations; fluvial, deltaic, shoreface
28 and lacustrine sequences. The fluvial sequences are composed of fining upward cycles with
29 successive occurrence of planar crossbedded sandstone facies displaying unimodal paleocurrent

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