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Facies Analysia, Sequence Stratigraphy And Paleoenviroment Reconstruction Of The Paleogene Deposits In Central Tunisia (Faidh Section)

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ACCEPTED MANUSCRIPT

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RECONSTRUCTION OF THE PALEOGENE DEPOSITS IN CENTRAL TUNISIA

3 (FAIDH SECTION)

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13 Abstract

- A multi-disciplinary approach based on lithostratigraphy, biostratigraphy and
- mineralogy was performed to study the Paleogene deposits of Faidh section in central Tunisia.
- 16 Seven units were characterized integrating lithostratigraphic description and
- 17 micropaleontologic analysis. Biostratigraphy of planktonic foraminifera shows a hiatus
- between Upper Maastrichtian and Lower Paleocene. A sporadic appearance of planktonic
- 19 foraminifera marks two transgressive levels within the lower Cherahil Formation (Lutetian).
- 20 Paleogene deposits, onset in subtidal environments; occasionally under restricted conditions,
- 21 controlled mainly by eustatic fluctuations. Mineralogical analysis supports this reconstruction.
- 22 Sequence stratigraphy allows to subdividing the Paleogene series of the Faidh section into five

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