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<u>Shrub morpho-types as indicator for the water flow energy - Tivoli travertine case</u> (Central Italy)

Marcelle Marques Erthal^{1,3,*}, Enrico Capezzuoli², Alessandro Mancini^{2,3}, Hannes Claes³, Jeroen Soete³, Rudy Swennen³

¹Petrobras Research Center, Av Horácio de Macedo, 950, Ilha do Fundão, RJ 21941-915, Brazil

²Dipartimento di Fisica e Geologia, Università di Perugia, Via Pascoli, Perugia, 06123, Italy

³Geology, Earth and Environmental Sciences, KU Leuven, Celestijnenlaan 200E, 3001 Heverlee, Belgium

*e-mail:_mmerthal@petrobras.com.br

mail to: rudy.swennen@kuleuven.be

Abstract

Travertines from Tivoli area (Central Italy) possess abundant shrub-like fabrics that are laterally continuous over hundreds of square meters. They occur dominantly in horizontal layers with aggradational and progradational stacking patterns. Their fabrics and morphologies are remarkably similar to the shrubs lithotypes reported in literature for the Pre-Salt reservoirs, offshore Brazil and Angola, with huge oil accumulations. Petrographic and micro-computer tomography analyses allowed the identification of six shrub morphotypes (i.e., narrow dendriform, wide dendriform, fili dendriform, arborescent, arbustiform and pustular). Dendriform shrubs are the most common lithotype in Tivoli area, and three Download English Version:

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