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A SEDIMENTOLOGICAL STUDY ON THE TEMBELING GROUP IN THE SOUTH OF MARAN, PAHANG.

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ABSTRACT: A sedimentological study was carried out on the rock succession which exposed at several localities along Kg. Lotong-Kg. Resam, located approximately 15km to the south of Maran, Pahang. This rock succession consists of two formations namely the Lanis Conglomerate Formation of predominantly conglomerate and the Mangkin Sandstone Formation of mainly sandstone together with siltstone, mudstone and shale as part of The Tembeling Group. Based on the sedimentological study, it can be divided into six facies, namely the conglomerate facies in the Lanis Conglomerate Formation; fine-grained sandstone facies, interbedded fine-grained sandstone with siltstone facies, interbedded medium-grained sandstone with siltstone facies, interbedded fine-grained sandstone, siltstone and mudstone facies, and siltstone facies in the Mangkin Sandstone Formation. It is interpreted that, the studied rock succession was deposited in a meandering to braided river system.

ABSTRAK: Kajian sedimentologi telah dilakukan terhadap jujukan batuan yang tersingkap di sepanjang Kg. Lotong-Kg. Resam iaitu lebih kurang 15km ke selatan Maran, Pahang. Jujukan batuan ini terdiri daripada dua formasi iaitu Formasi Konglomerat Lanis yang didominasi konglomerat dan Formasi Batu Pasir Mangkin yang umumnya terdiri daripada batu pasir yang dominan, batu lodak, batu lumpur dan syal yang merupakan sebahagian daripada Kumpulan Tembeling. Berdasarkan kepada kajian sedimentologi yang telah dilakukan, jujukan batuan di kawasan kajian dapat dibahagikan kepada enam fasies iaitu fasies konglomerat dalam Formasi Konglomerat Lanis; fasies batu pasir halus, fasies selang lapis batu pasir halus dengan batu lodak, fasies batu pasir sederhana berselang lapis dengan batu lodak, fasies selang lapis antara batu pasir halus, batu lodak dan batu lumpur dan fasies batu lodak yang terdapat dalam Formasi Batu

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Pasir Mangkin. Jujukan batuan di sini telah ditafsirkan terendap di sekitaran sungai berliku hingga sungai berburai.