

# MAGNETIC SUSCEPTIBILITY OF THE PHANEROZOIC DEPOSITS OF THE VORONEZH ANTECLISE

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On the basis of the «Petrophysical model of sedimentary cover the territory of VCM and adjacent areas», magnetic susceptibility of the main lithological rocks types of the Voronezh anticlize was analyzed. It is shown that in sedimentary cover are present near-surface magnetic inhomogeneity's which need to take into account in the integrated deep geophysical modelling.

*Keywords: Petrophysics, magnetic susceptibility, Voronezh anticlize, Voronezh crystalline massif.*