

ПИЛИПЕНКО, ТРУБИХИН  
**ROCK MAGNETIC AND MAGNETOSTRATIGRAPHIC  
INVESTIGATIONS OF UPPER SARMATIAN DEPOSITS OF REFERENCE  
SECTION POPOV KAMEN (TAMAN PENINSULA)**

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Rock magnetic and magnetostratigraphic study of Upper Sarmatian deposits of one of the reference sections in southern Russia, located at Cape Popov Kamen of Taman Peninsula was conducted. The section is characterized by a weak magnetization of rocks, which magnetic carrier is monoclinic pyrrhotite. Rocks were magnetized mostly negative with a positive polarity interval in the lower half of the studied sequence. A comparison with magnetostratigraphical scale shows that the studied Upper Sarmatian part probably corresponds to Chrons C4r, C4An and S4Ar, and the base of the lower Maeotian deposits – to the Chron C3Br. Thus, we assume there was a break in sedimentation during the ~ 0.7 million. years.

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