

**Test of intraformational conglomerates for the Katav Formation of the Upper Riphean (Southern Urals). New data**

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A repeated test of intraformational conglomerates was carried out to verify the ideas about the time of formation of the high-temperature component (HTC) of natural remanent magnetization ( $J_n$ ) of limestones from the Upper Riphean Katav Formation, Southern Urals. The result obtained from the previous experiment corresponded to the criteria necessary for this type of work, but at the borderline significance level and required confirmation. For the new study, we selected blocks of flat-bedded synsedimentary breccias from sections in the vicinity of the village of Tolparovo and the town of Katav-Ivanovsk. The obtained data correspond to the Graham criterion, as well as to the Rayleigh and Hodges-Aine uniformity criteria, which confirms the conclusions made in the conclusion of the first experiment about the primacy of HTC of magnetization in the limestones of the Katav Formation of the Upper Riphean. Such a strong argument in favor of primordially of the characteristic component of  $J_n$  makes it possible to use VGP known for the Katav Formation in global paleogeographic reconstructions and the study of the morphology of geomagnetic field inversions imprinted in the Formation.

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