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Preliminary Geological Map of the Early Precambrian of the East European part of Russia at a scale of 1: 2 500 000

Svetlana Anisimova (1), Yuri Bogdanov (2), Nikolay Alekseev (3), Olga Voinova (4), Boris Petrov (5), Konstantin Savko (6), and Roman Terentiev (7)

(1) Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russian Federation, Svetlana_Anisimova@vsegei.ru, (2) Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russia, Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russia, Yuri_Bogdanov@vsegei.ru, (3) Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russia, Nikolay_Alekseev@vsegei.ru, (4) Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russia, Olga_Voinova@vsegei.ru, (5) Federal State Budgetary Institution «A. P. Karpinsky Russian Geological Research Institute» (FGBU VSEGEI), St. Petersburg, Russia, Boris_Petrov@vsegei.ru, (6) Voronezh State University, Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Russian Academy of Sciences, Voronezh, Russia, ksavko@geol.vsu.ru, (7) Voronezh State University, Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Russian Academy of Sciences, Voronezh, Russia, terentiev-geol@mail.ru

The quality of state geological maps depends on the quality of the combined serial legends, which are based on the adopted stratigraphic scheme of the General stratigraphic scale, regional and local stratigraphic schemes.
The main task of the General stratigraphic scale is the temporal correlation of stratigraphic units of regional schemes and the age of their boundaries.
Age of Precambrian time determination are based on paleontological and geochronological methods.
To the bottom are Precambrian structurally material complexes of Archean and lower Proterozoic rocks, crystalline basement of ancient platforms and included in the fold belts.
The solution to the problems of stratigraphy of the Lower Precambrian is possible only by creating and improving regional stratigraphic schemes. Such work should be based on the study of stratotype sections and references of boundaries in the model regions of the Lower Precambrian.
The current General stratigraphic scale of the Lower Precambrian of Russia (RGSS) consists of the Lower Archean (Sami) and the Upper Archean (Lopi) and Lower Proterozoic (Karelian) Eonotam.
The Archaea time is divided into two Eonotam in Russian General stratigraphic scale, in the International Chronostratigraphic Chart (ICC) – three units, designated as Eon. The age of the boundary between Eonotam and Eon the same (3200 million years). The same and the age of the boundary between the Archean and the Proterozoic.
In 2017, we were beginning the works on the territory of the East European Platform. We try to created sketch of Tectonic Map of Center and East part of Russia according to the last materials of geotectonic reconstructions.
Preliminary regional stratigraphic scheme of the Early Precambrian of the Baltic Shield and the part of the Voronezh crystalline massif were developing.
According to General stratigraphic scale of the Lower Precambrian of Russia and new geochronological data of the Voronezh crystalline massif will be improved the first variant of Legend for the Geological map of the Early Precambrian of Russia at a scale of 1: 2 500 000.
Were created the regional stratigraphic schemes of the East European Platform and schemes for the correlation of magmatic and metamorphic complexes of the Baltic Shield and the Voronezh crystalline massif.