

**NEW VIEWS OF THE RELICT CARBONIFEROUS ROCKS
IN THE AMGA RIVER BASIN-ADDITIONS TO THE METHODS
OF SEARCH FOR PRIMARY DIAMOND DEPOSITS IN COVERED
AREAS (CENTRAL YAKUTIA)**

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A new three-stage model for the structure of the platform sedimentary cover is first devised for large geological region (Lena-Amga interfluvium, Central Yakutia) instead of a traditional two-stage (Vendian-Lower Paleozoic and Mezo-Cenozoic) model. The third intermediate (Middle Paleozoic, Lower Hercynian) stage is represented by terrigenous palinologically rich rocks pre-Katsk Carboniferous age that rest transgressively on Archaeocyatha of a Cambrian barrier reef and are overlain, with a structural unconformity, by Lower Jurassic deposits (basal conglomerates of the Ukugut formation). Such a lithostratigraphic position of the relict of the intermediate stage is of prime importance for searching for new diamondiferous kimberlites according to the scheme "bedrock-protoreervoir".