

Specificities of Vertical Interval of Mineralization of the Rudnik Polymetallic Deposit (Serbia)

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Rudnik polymetallic deposit belongs a transitional skarn-hydrothermal type and it is a Pb-Zn-Bi deposit with high content of Cu and Ag. Massive sulphide mineralization was formed in skarned fliish protholite, cut by dacite-latite-quartzlatite dikes. The skarns are of distal type, without identified plutone in the area of the deposit. A special specifity represents hidraulic breccia wich has an important role in the origin of Cu stockwork-impregnation types of mineralization. In the area of the deposit (3km x 1.5km x 1 km – explored depth) there are over 90 ore bodies. Specificities of geologic setting and geotectonic and metallogenetic characteristics of the mineralized area reflected on specificities of vertical interval of the Rudnik polymetallic deposit what is the issue of this paper.