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Геолошки отсек
Посебно издание бр. 5



S. Jankovic

B. Boev

T. Serafimovski

**MAGMATISM AND TERTIARY MINERALIZATION OF THE KOZUF
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WITH PARTICULAR REFERENCE TO THE ALSAR DEPOSIT**

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СО ПОСЕБЕН ОСВРТ НА НАОГАЛИШТЕТО АЛШАР**

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I n t r o d u c t i o n

The Kozuf metallogenetic district formed in the marginal parts between the Republic of Macedonia and the Aridai region in northern Greece. Hence, the most appropriate name for this metallogenetic unit would be Kozuf - Aridai area.

This Monograph presents, in a synthesized manner, results of investigations carried out so far in the territory of the Republic of Macedonia. The part that is situated in the terrane of Greece is poorly investigated and studied, particularly in the domain of its ore mineralization. Some investigations, however, were carried out in the sector of Voros.

The Monograph includes detailed investigations of petrologic features of the Kozuf magmatic complexes carried out by Blazo Boev, as well as regional features of the metallogeny in Kozuf as part of a larger metallogenetic unit in south-east Europe. Particular reference is given to the geochemical metallogenetic features of the Sb-As-Tl-Au Alsar deposit that belongs to this metallogenetic district and shows a number of specific mineralogic, geochemical and metallogenetic features that make it a unique deposit in the world.

Since the Alsar deposit is insufficiently investigated, results presented in this Monograph should be considered as preliminary. Detailed and systematic examinations are in progress.

The Monograph presents the results of the implementation of a research scientific project on Alsar financed by the Ministry of Science of Republic of Macedonia.