



## **The Main Geological Features of the Bajgora-Kacandoll Area (Vardar Tectonic Unit), Kosovo**

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**Abstract:** Bajgora - Kacandoll area is part of the Vardar tectonic unit. Formations of mantle sequence, mainly hartzburgite and oceanic crust sequence represented of bazalto - radiolarite are widespread in the area. The last ones are dated as of Triassic age through radiolarians. Ultramaphics contain no chromite showings and even no accessory chromite grains, but they are characterized by an excellent banding. Metamorphic sole, which is evidenced for the first time in the area, is sandwiched between basalt – radiolarian at the floor and hartzburgite at the ceiling. Flysch of Upper Jurassic and lower-upper Cretaceous overlie the ophiolite formations of the Central Vardar subzone of the Vardari tectonic unit, while Upper Cretaceous flysch overlie ophiolite formations of the western subzone of the Vardar tectonic unit. For the first time in the region are recorded andesites - dacite formations of Miocene. In the area are identified two sections with different specifications.

**Keywords:** *Triassic, Jurassic ophiolite, metamorphic sole, flysch, dacite -andesite*

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