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Content of Nickel in the Weathering Crust of the Ore Deposit "Suka"

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Abstract: Products of weathering crust in the ore deposit Suka is typical resedimentation Quaternary deposits of Iron-Nickel laterite in the coverage form. Ore body consists of four lentils with irregular shapes unrelated to each other. Study of nickel content of the weathering crust is determined by chemical and instrumental methods. The obtained results have shown the changing content of nickel and other chemical elements with different percentage in the function of depth by defining geochemical zones which differ from the weathering crust formed in situ, Dushkaja ore body. Content of nickel in ore body "Suka" compared with Ni in "Dushkaja" not show any significant poorer. Suka and Dushkaja ore body are locating in area of village Cikatova e Vjeter in Drenica region Kosovo territory. The paper aims to define of this genetic resedimentation type due to the composition of the nickel that will enable acquiring the research premises with scientific, professional and economic interests.

Keywords: *content of silicate nickel, Kosovo, Suka, weathering crust*

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