

GEOCHEMISTRY OF CUMULATIVE ULTRAMAFITES WITHIN ALEXANDROVKA STRUCTURE (UKRAINIAN SHIELD)

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The Ultramafic rocks of Alexandrovka structure are the layered magmatic rocks. They represented by dunite, lherzolite and websterite, which compose the thickness of rhythmic- zonal structure. According to the petrographical, mineralogical and geochemical characteristics they are similar to cumulative ultramafites of layered gabbroic complexes of ophiolites. Rhythm-laminated part of open-pit mine, situated between boundary dunites and layered gabbroids are overburden in Alexandrovka structure. Ultramafites have geochemical characteristics of island-arc magmatic rocks. The relic of gabbro-hyperbasite complex of Avdotevka-Alexandrovka belt are, probably, the tectonic fragments of over-crystal low-depth magmatic camera of archaic greenstone belt.