

THE PLACE AND ROLE OF PYROXENITE DYKES IN THE SULFIDE PLATINOID-COPPERNICKEL ORE-FORMING SYSTEM OF THE MAMON TYPE

M.N. Chernyshova

Two types of intra-ore dyke pyroxenites, whose mineralogo-petrographic and petrochemical peculiarities and the degree of ore content are determined by their belonging to the consistently changing in time Mamon (essentially ultramafite) and Shiryaevo (mafite-ultramafite) types of intrusives as part of the uniform dunite-peridotitepyroxenite-gabbro-norite formation (in the volume of the Mamon nickel-platinum-bearing complex), are singled out. A high degree of complementarity to the composition of the industrially ore-bearing orthopyroxenites of the Mamon type and titaniferous-hornblende websterites of the Shiryaevo type with an extremely low content of Ni, Cu, Co and platinoids is revealed. The place and ore-forming role of pyroxenite dykes in the general model of the formation of the sulfide platinoid-copper-nickel ore-forming system are established.