

**FORECASTING CRITERIA AND ESTIMATION OF SULFIDE
PLATINOID-COPPER-NICKEL MINERALIZATION BASED ON THE
EVOLUTION MODEL OF INTRUSIVE-DYKE SYSTEM
OF THE MAMON TYPE (ILLUSTRATED BY PODKOLODNOVKA
ORE-BEARING REGION OF VKM)**

Chernyshova M. N., Molotkov S. P.

Forecasting criteria and estimation of the resources of sulfide platiniferous copper-nickel mineralization in intrusive-dyke ore-magmatic system of the Mamon complex of Voronezh nickeliferous province are developed on the basis of a set of structural-petrological, geologo-geophysical and other data. The evolution model of a long developing intrusive-dyke ore-magmatic system of Podkolodnovka ore-bearing region is used as a major determining factor. Significant analogous features of this ore-bearing region with a well-known Linn Lake deposit (Canada) are established. On the basis of this standard the calculations of the resources of sulfide copper-nickel ores of the eastern zone of Podkolodnovka ore-bearing region are made.