

Geological Mineragenic Map of the World on 1:15 000 000 scale with Explanatory Notes

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Transformation of the mineral-raw material problems from the national to the global ones provoked interest to revealing the distribution pattern of mineral deposits in different types of the structures. Extensive data on mineral resources accumulated in certain countries are presented in the "Geological Mineragenic Map of the World" on 15 000 000 scale of scientific and practical interest is the comparative evaluation of their mineragenic productivity as well as revealing the possible causes for their high economic potential, the general resolution of the global predictive mineragenic analysis. The legend to the map comprises two sections: the geological structural section typifies different structures of continents, active and passive zones of continent-ocean transition and oceans; the mineragenic section designated some new approaches to the systematics of deposits among which the mantle, crustal-mantle and crustal ones are distinguished. In the World Ocean, sedimentogenic deposits comprise: hydrogenic, sedimentogenic-diagenetic and biosedimentogenic deposits. The Geological Mineragenic Map of the World and Explanatory Notes for it are unique in the world geological and mineragenic cartography. The global model of the Earth is constructed and grounds for the history of its tectonic and mineragenic structure are provided on the basis of the Map analysis. Combined analysis is oriented at revealing the possible causes of an irregular character of mineral and raw material resources of the World, solving the problems of global minerageny.