

РУДНО-РОССЫПНЫЕ ПРОЯВЛЕНИЯ  
**ZONE OF NORTH-ASIAN SUPERPLUME DERIVATIONS  
(SOUTH-EAST RUSSIA)**

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The sources of large and unique platinum-metal placers were the zonal alkali-ultrabasic massifs which become active in the Cretaceous and were inclined to the margins of the zone of the North-Asian superplume (NAS) influence. The plume ore-generating magmatism of several generations (in Proterozoic and Phanerozoic) is responsible for conditions favorable for the formation of the placer platinum presence in the region. Ultramafite-mafite magmatism caused the origin of the stratified zonal massifs which suffered in the Late Paleozoic and Mesozoic from granitogene derivations of the NAS. The later favored the development of the ore-forming magmagenic-fluid-metasomatic processes and contributed in favorable conditions for the platinum group elements concentration.

*Keywords: platinum-bearing ore-placer districts, scientific basics of prediction.*