

ТИПОМОРФНЫЕ ОСОБЕННОСТИ
**TYPMORPHIC FEATURES OF GOLD FROM THE PLACER DEPOSITS
OF THE 1ST OLKHOVAYA RIVER, KAMCHATSKY MYS, EAST KAMCHATKA**

**E.G. Sidorov¹, E.I. Sandimirova¹, V.M. Chubarov¹, L.P. Anikin¹,
E.K. Ibragimova², A.V. Antonov²**

¹*Institute of Volcanology and Seismology, 683006, Petropavlovsk-Kamchatsky; e-mail: mineral@kscnet.ru*

²*Russian Geological Research Institute named after A.P. Karpinsky, 199106, St. Petersburg*

The paper presents results from mineralogical studies of schlich gold halos and alluvial deposits from the 1st Olkhovaya River, which are spatially confined to the large ultrabasite massif in the central part of the Kamchatka Mys Peninsula, East Kamchatka. Two types of gold were revealed: the first one is represented by its silver phase, and the second one by cuprous phase. The origin of the silver gold is associated with albite veins of gold, while the copper one is associated with the pyroxene-garnet rodingites of Kamchatsky Mys massif.

Keywords: placer gold, silver gold, copper gold, ultrabasites, rodingites.