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РЕДКОЕ ЗОЛОТО ПАЛЕОРОССЫПИ БЕЗДУБОВО С ПРИЗНАКАМИ НЕДАВНЕГО ВЫСВОБОЖДЕНИЯ

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THE RARE GOLD FROM PALEO-PLACER BEZDUBOVO
WITH INDICES OF ITS RECENT RELEASE

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The paper displays exclusive data about the rare gold of «ore type» revealed in Middle Jurassic basal psephites of paleo-placer occurrence named Bezdubovo (Sysolskaya syncline, Komi Republic, Russia). Surface, anatomy, element contents, dimensional parameters and minerals inclusions of the gold (sampling — 11 particles) were studied with scanning electron microscope JSM-6400 with energy spectrometer Link ISIS-300 (actuating voltage — 20 kV). The same characteristics of some particles of basic mass of the clastogene gold of Bezdubovo and gold from alluvial psephites of Sysola and Luza rivers (Sysolskaya syncline) were also obtained for comparison. It was showed a contrast difference of characteristics of rare gold of ore type. So, this rare population of gold (frequency of occurrence — 11/1589, or 0.7 %) had a gold preservation of features of the typical ore gold, that was not subjected to the long-lasting transportation. It was reflected in number of specific features: continuous presence of silver (before 16.7 mas. % of Ag, homogeneous contents), local discontinuous character of development (or absence) of skin parts with extremely high metal fineness, availability of occasions of conforming crystallization surface with other mineral individuals, high extent of isometry, occurrence of ore inclusions of chalcopyrite (a single occasion). Based on the investigation results it was stated a conclusion, that rare gold of Bezdubovo with features of ore gold should be referred to the *container ore gold* of remote transportation. A migration of this gold to the Bezdubovo place was realized by a non-free way — being contained within a hard-grained clastic material (presumptively within quartzvein pebbles), that has the same remote transportation. For this reason a presence of ore type gold in paleo-placer Bezdubovo is not a feature of close position of gold ore source, though it may be used for predicting of possible geographic place of the latter. A similarity of distribution structure of calculated masses of the clastogene gold and the container ore gold of Bezdubovo allowed come to conclusion about a possible general comparability of mass transport of thin and fine gold particles by both as a free (floating) way and as container one.