

Application of systems approach to prognostication of ore fields in local auriferous nidalstructures (On the example of vera-char-baladzhalnidal structure in west-kalbinsk gold-bearing area of East Kazakhstan)(Article)

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Краткое описание

Vera-Char-Baladzhalnidal structure (NS) of the rank of the ore site is identified by the author as a promising regional research level, the estimated gold resources in it are estimated at 574,361 kg. As a result of a detailed study, to which this article is devoted, the prospective areas are localized to the rank of ore fields and deposits. Based on the paradigm of a systemic approach to the formation of gold deposits, the Vera-Char-Baladzhal focal structure was reconstructed, regularities in the location of deposits were established in its boundaries and three promising areas for the formation of large fields were identified: the Baladzhal predicted ore field, Vera-Char forecast ore field and the Marinovsko-Kyzyltas predicted ore field. Their total area is 37.5 km² or 5.8% of the area of predictive research. © 2018, National Academy of Sciences of the Republic of Kazakhstan. All rights reserved.