

RESEARCH ON CLASSIFICATION OF PARAGENETIC AND ASSOCIATED MINERAL DEPOSITS IN COAL-BEARING STRATA

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Research and exploitation of paragenetic and associated mineral deposits in coal-bearing strata were already attached importance widely, along with development of science and technology and a close attention paid to the problems of resources and environments by human in recent years. This paper hold that, in the coal-bearing strata, there are paragenetic mineral deposits in cause of formation with coal series or other associated mineral deposits no-connecting in cause of formation with coal series, which may be found in the vertical section of coal-bearing strata. These mineral deposits have multi-assortments, an abundant reserve and a wide distribution in China. So there is a great potentiality to study and exploit them. According to the material elements, physical characteristics and directions of processing and utilization, these mineral deposits could be divided into three classes: caustobiolith deposit, metallic deposit, nonmetallic deposit, which shows in three states: solid state, liquid state and gaseous state.