

论文

中国煤矿水文地质类型划分与特征分析

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摘要:

为了落实《煤矿防治水规定》与《煤矿安全规程》之要求, 根据全国26个省(区、市)调查数据与信息, 经过系统地统计和分析, 笔者总结提出了我国煤矿水文地质类型划分的基本状况和特征, 并从煤矿数量、涌水量、富水系数、类型复杂程度、专门防治水机构、从业技术人员、持证探放水工和专用探放水钻机等方面, 分析了全国和各省市区煤矿的基本特点、成立、配备与保障情况, 剖析了我国四大主要聚煤区的煤矿水文地质类型特点、面临的主要水害难题和防治水组织机构与保障措施等。

关键词: 煤矿; 水文地质类型划分; 矿井水害; 聚煤区

Classification of the hydrogeological type of coal mine and analysis of its characteristics in China

Abstract:

In order to implement the demands of "Rule of Mine Prevention and Cure Water Disaster" and "Coal Mine Safety Regulations", the basic situation and characteristics of hydrogeological type classification in China's coal mine were summarized and put forward after the systematically surveying, counting and analysing of the data and information in 26 provinces, autonomous regions and municipalities. Meanwhile, the coal basic characteristics, establishment, equipments and security situation were analyzed in the whole nation and every province, city and region from the number of coal mine, water inflow, water content coefficient, complicated extent of hydrogeological type, specialized departments of controlling water, technical personnel, workers with certificate for water drainage and special drilling machines of discharging water. The characteristics of hydrogeological type, the difficulties coming from the main water disaster, the organization of water prevention and control and safeguard measures in the four major coal accumulation regions were also stated.

Keywords: coal mine; hydrogeological type classification; mine water disaster; coal accumulation region

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