

# 矿产资源调查评价项目实物地质资料筛选

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**摘要:** 矿产资源调查评价项目是以金属、非金属矿产为主要勘查对象的战略性矿产勘查评价工作, 是一项公益性地质工作。所取得的实物地质资料(钻孔岩矿心)具有很高的科学研究价值和应用价值, 必须得到应有的保护和保存。实物地质资料储存、维护成本很高, 在一定范围内相同或类似的实物地质资料会大量重复产生, 这是实物地质资料必须进行筛选的2个主要理由。典型性、代表性、系统性是实物地质资料筛选的根本原则。合理划分成矿区域, 选取区域内重要成矿远景区中主要矿化、矿床类型的典型实物地质资料是矿产资源调查评价项目实物地质资料筛选的主要工作方法。

**关键词:** 实物地质资料; 筛选; 矿产资源调查评价

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Selecti0n of geological material data in the project  
of mineral resources investigati0n and appraisal

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**Abstract:** The mineral resources investigati0n and appraisal project is a job of strategic mineral explorati0n and appraisal with metallic and n0nmetallic minerals as the chief exploration and appraisal targets. It is also a public welfare geological undertaking. Geological material data (drilling cores) have great scientific research value and applied value, so they must be protected and stored in a due way. There are two main reas0ns for selecting geological material data: first, a great deal of m0ney is needed to store and manage these geological data, and sec0nd, large quantities of the same or similar geological material data may be obtained in some scopes. The basic principle for selecting the geological material data is typical, representative and systematic selecti0n. The main method for selecting the geological material data in the mineral resources investigati0n and appraisal project is to determine metallogenic regi0ns reas0nably and then select typical geological data of main mineralizati0n and deposit types in important prospect areas in the metallogenic regi0ns.

**Key words:** geological material data; selecting; mineral resources investigati0n and appraisal