

## Neolitická těžba na Bílém kameni u Sázavy nad Sázavou

### Neolithic mining in Bílý kámen near Sázava nad Sázavou

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#### Abstract

Neolithic mining of marble at Bílý kámen has been known since the 1940s. This study brings new insights into the rocks from which the stone tools used for extraction of white marble were made. Marble was used for production of decorative objects and lime. Bracelets and beads were used as a trade commodity during the younger stage of the culture with Stroked pottery. In this study, the rocks of Neolithic artifacts, along with the rocks from the supposed source sites, were subject of petrological and detailed mineralogical and electron microprobe studies. It has been found that the most commonly used raw material of stone tools is amphibole hornfels (metabasite of Pojizeří type) and amphibolite (from amphibolite bodies near Bílý kámen). Basalt, serpentinite, spilite schalstein and others were also determined.

**Key words:** Neolithic mining of marble, neolithic stone artifacts, amphibolite, banded amphibolite, amphibole hornfels, metabasite of Pojizeří, Bílý kámen near Sázava nad Sázavou

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