

MEGHÍVÓ ELŐADÁSRA INVITATION

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Geology and mineralogy of Polish nephrites Proposed methods of identification

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**Helyszín: ELTE Közettan_geokémiai Tanszék, Mauritz Béla
terem, 00-524**

Locality: ELTE Dept. of Petrology and Geochemistry, Mauritz
Béla lecture room, 00-524

Nephrite is a raw-material used since Neolithic, especially for carvings, useful things such as axes or adzes, decorative and ceremonial objects and for jewellery. Nephrite artifacts were found in archaeological sites across Europe, also in Hungary. Nowadays, nephrite is used as a carving material and to make lower-priced jewellery. It is believed, that there are only a few dozens of nephrite deposits worldwide. The lecture presents a short summary of geological, petrological and geochemical study of Polish nephrites – the well-known European deposit in Jordanów Śląski (former Jordansmühl) and smaller, less-known deposit in Złoty Stok (former Reichenstein). A short comparison of the mentioned nephrite sources in respect of mineral composition with nephrites from famous world deposits, allow to precisely and relative simply identify the archaeological artifacts and modern carvings or jewellery made of Polish nephrites, also by using only non-destructive methods.