

# Mineralizace alpského typu se sulfidy, W-rutilem a pevným uhlovodíkem z Olověné štoly ve zlatohorském rudním revíru

Alpine-type mineralization with sulphides, W-rutile and hard hydrocarbome from the Olověná Adit in the Zlaté Hory ore district, Silesia

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## Abstract

Fragments of quartzite with Alpine-type veins were found in the dump material of the Olověná Adit in the Zlaté Hory Ore District. Alpine-type veins in question consist mainly of quartz with minor albite, chlorite (clinochlore), muscovite, rutile (with up to 4.16 wt. % of WO<sub>3</sub>), apatite-(CaF) and sulphides. Sulphide minerals include in decreasing order of relative abundance: pyrite, galena, chalcopyrite, and sphalerite. Asphalt-like black hard hydrocarbome was found in cavities and it even replaces albite! It is quite possible that the origin of the studied Alpine-type mineralisation is connected with fluids derived from Lower Carboniferous formations of siliciclastics outcropping east of the Zlaté Hory ore district.

**Key words:** *Alpine-type mineralization, W-rutile, hydrocarbome, Zlaté Hory, Silesia*