

## Palygorskit se supergenními minerály olova z Křižanovic v Železných horách (Česká republika)

Palygorskite with supergene Pb-minerals from Křižanovice in the Železné hory Mts. (Czech Republic)

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### Abstract

Palygorskite has been identified during mineralogical studies of samples from the Křižanovice base metals deposit, the Železné hory Mts. (Czech Republic). It is a product of advanced hydrothermal alteration of granitoids, and its aggregates are impregnated by supergene Pb-minerals. Pyromorphite, probably anglesite and even galena originated during supergene processes that affected the upper parts of the deposit. Primary galena ores were the source of lead. The described minerals were identified by XRD and EDX microanalysis.

**Key words:** palygorskite, pyromorphite, galena, Křižanovice ore deposit, Železné hory Mts., Czech Republic