

Nové výskyty nerostů na Sn-W ložisku Cínovec

Minerals newly identified at the Sn-W deposit Cínovec (Czech Republic)

PETR PAULIŠ¹⁾, FRANTIŠEK NOVÁK²⁾, LUBOŠ KOŤÁTKO³⁾, JOSEF JONÁŠ⁴⁾, ZDENĚK DVOŘÁK⁵⁾
A JAROMÍR ŠEVCŮ⁶⁾

¹⁾ Smíškova 564, 284 01 Kutná Hora

²⁾ Dolní 286, 284 01 Kutná Hora

³⁾ Cheľčického 5, 466 02 Jablonec nad Nisou

⁴⁾ Dolní 177, 417 41 Krupka

⁵⁾ Edisonova 1643, 415 01 Teplice

⁶⁾ Jana Palacha 161, 284 01 Kutná Hora

PAULIŠ P., NOVÁK F., KOŤÁTKO L., JONÁŠ J., DVOŘÁK Z., ŠEVCŮ J. (2008): Nové výskyty nerostů na Sn-W ložisku Cínovec. - *Bull. mineral.-petrolog. Odd. Nár. Muz. (Praha)* **16/1**, 113-117. ISSN: 1211-0329.

Abstract

A quartz gangue with some primary and secondary minerals has recently been studied and described from the Sn-W deposit Cínovec. This gangue with sulfides is accompanied with stolzite, cerussite and native silver (Trangot shaft, 3rd level, Militarschacht), and a tennantite mineralization with kankite and pitticite was identified in the material examined (Petra shaft, 2nd level). Abundant crystals of cerussite as much as 4 cm in size accompanied by wire native silver were not yet described in this deposit. The assemblage of secondary minerals comprises pitticite and kaňkite. The Sn-W deposit Cínovec is the eight locality in the Czech Republic where the latter mineral was described from. The secondary minerals are evidently products of weathering of tennantite and pyrite.

Key words: sulphides, cerussite, kaňkite, pitticite, stolzite, silver, chemical composition, X-ray data, Sn-W deposit Cínovec, Czech Republic