

Mineralogie uranového zrudnění z lokality Dlažov u Klatov (Česká republika)

Mineralogy of the uranium ore mineralization from Dlažov near Klatovy (Czech Republic)

JIŘÍ SEJKORA¹⁾, PETR PAULIŠ²⁾, STANISLAV KOPECKÝ³⁾, †FRANTIŠEK NOVÁK, JAN MALEC⁴⁾
A JIŘÍ FRANC⁵⁾

¹⁾ Národní muzeum, Václavské náměstí 68, 115 79 Praha 1

²⁾ Smíškova 564, 284 01 Kutná Hora

³⁾ Žižkov II/1294, 580 01 Havlíčkův Brod

⁴⁾ Česká geologická služba, Klárov 3/131, 118 21 Praha 1

⁵⁾ Ústav fyzikální chemie J. Heyrovského AV ČR, v. v. i., Dolejškova 2155/3, 182 23 Praha 8

SEJKORA J., PAULIŠ P., KOPECKÝ S., NOVÁK F., MALEC J., FRANC J. (2009): Mineralogie uranového zrudnění z lokality Dlažov u Klatov (Česká republika). - *Bull. mineral.-petrolog. Odd. Nár. Muz. (Praha)* **17/2**, 73-80. ISSN: 1211-0239.

Abstract

An interesting mineral assemblage consisting of uraninite, anilite, covellite, clausthalite, chalcopyrite, tetrahedrite and naumannite? accompanied with wulfenite and supergene uranium minerals was identified using electron microprobe and XRD in material collected in dumps of the small abandoned uranium occurrence at Dlažov, western of Klatovy, SW Bohemia (Czech Republic). Uranium mineralization is bound to quartz-carbonate hydrothermal veins penetrating mostly contact metamorphosed sediments of Proterozoic age adjacent to the Klatovy granodiorite. Sulphides and selenides forms a tiny unequal veinlets in quartz gangue accompanied by uraninite. Supergene uranium minerals comprise meta/autunite, meta/torbennite, uranophane, and β -uranophane.

Key words: uranium hydrothermal veins, sulphides, selenides, supergene uranyl minerals, wulfenite, Dlažov near Klatovy, SW Bohemia, Czech Republic