

## Henclová - nová lokalita pseudomalachitu v Slovenskej republike

### Henclová - new occurrence of pseudomalachite in the Slovak Republic

MARTIN ŠTEVKO<sup>1)</sup>, JIŘÍ SEJKORA<sup>2)</sup> A DANIEL OZDÍN<sup>1)</sup>

<sup>1)</sup> Univerzita Komenského, Prírodovedecká fakulta, Katedra mineralógie a petrológie, Mlynská dolina, 842 15  
Bratislava, Slovenská republika

<sup>2)</sup> Národní muzeum, Václavské náměstí 68, 115 79 Praha 1 Česká republika

ŠTEVKO M., SEJKORA J., OZDÍN D. (2008): Henclová - nová lokalita pseudomalachitu v Slovenskej republike. - *Bull. mineral.-petrolog. Odd. Nár. Muz. (Praha)* **16/1**, 36-39. ISSN: 1211-0329.

#### Abstract

Pseudomalachite was found at mine dumps of the occurrence Breziny, about 200 m northern from the Henclová village, the Slovenské Rudohorie Mountains, Slovak Republic. It forms hemispherical aggregates and crusts (up to 3 x 3 cm in size) in the cavities of quartz gangue in association with malachite, goethite and rare relics of primary chalcopyrite. Surface of its spherical aggregates is formed by tiny (up to 80  $\mu\text{m}$ ) tabular crystals. Pseudomalachite aggregates are dark green, non-diaphanous and they have a shimmer to vitreous luster. Pseudomalachite is monoclinic, space group  $P2_1/c$ , the unit-cell parameters refined from X-ray powder data are:  $a = 4.4799(5)$ ,  $b = 5.7485(7)$ ,  $c = 17.061(2)$  Å,  $\beta = 91.13^\circ (1)$ ,  $V = 439.27(6)$  Å<sup>3</sup>. The ED analysis at electron microprobe confirmed results of X-ray diffraction study; Cu, P and O were found as main constituents.

**Key words:** pseudomalachite, X-ray powder diffraction data, Henclová, Gemericum Unit, Slovak Republic