Crystal Data: Triclinic. *Point Group*: $\bar{1}$. As acicular to tabular crystals, to 1 mm, and as rosettes and spherical divergent sprays to 5 mm.

Physical Properties: *Cleavage*: Perfect on {011}; good on {010}. F*racture*: Irregular. *Tenacity*: Very brittle. D(meas.) = 3.05(1) D(calc.) = 3.05 *Hardness* = 3.5-4

Optical Properties: Transparent to translucent. *Color*: Colorless with a green tint, pale green, light blue to blue-green. *Streak*: White. *Luster*: Vitreous.
Optical Class: Biaxial (+). $\alpha' = 1.591(2)$ $\beta' = 1.620(2)$ $\gamma' = 1.701(2)$ 2V(calc.) = ~ 64°
Pleochroism: Moderate; *X* = light gray to colorless, *Y* = very light greenish gray, *Z* = light green.
Elongation (-) on (011) and extinction = 27°, elongation (+) on (010) and extinction = 17°.

Cell Data: *Space Group*: $P\bar{1}$. $a = 6.408(3)$ $b = 14.491(5)$ $c = 16.505(8)$
$\alpha = 102.87(3)$ $\beta = 101.32(5)$ $\gamma = 97.13(3)°$ Z = 1

X-ray Powder Pattern: Jáchymov, Czech Republic.
11.98 (100), 5.992 (6), 3.448 (5), 2.967 (5), 2.4069 (4), 2.4002 (4), 15.70 (3)

Chemistry:

	(1)	(2)	(3)
CaO		0.07	
FeO	0.12	0.04	
CuO	39.93	39.99	39.26
ZnO		0.12	
Al_2O_3	0.13	0.38	
As_2O_5	44.71	46.03	43.36
P_2O_5		0.10	
H_2O	17.31	[18.2]	17.10
Total	102.20	104.93	100.00

(1) Jáchymov, Czech Republic; average of 6 electron microprobe analyses supplemented by IR spectroscopy, H_2O by TGA; corresponds to $(Cu_{12.96}Al_{0.07}Fe_{0.04})_{\Sigma=13.07}(AsO_4)_{6.11}(AsO_3OH)_{3.93}•22.83H_2O$. (2) Krásno district, Czech Republic; average of 3 electron microprobe analyses supplemented by IR spectroscopy, H_2O calculated from structure analysis; corresponds to $(Cu_{12.51}Al_{0.19}Zn_{0.04}Ca_{0.03}Fe_{0.01})_{\Sigma=12.78}(AsO_4)_{5.70}(PO_4)_{0.04}(AsO_3OH)_{4.27}•23H_2O$.
(3) $Cu_{13}(AsO_4)_6(AsO_3OH)_4•23H_2O$.

Occurrence: A secondary mineral formed during the weathering of primary tennantite and chalcopyrite in a complex polymetallic hydrothermal vein deposit.

Association: Lavendulan, geminite, lindackerite, ondrušite (Jáchymov); amorphous Cu, Fe arsenates and clay minerals (Krásno district).

Distribution:From the Huber open pit, Krásno district, near Horní Slavkov, Slavkovský Les Mountains and from the Geschieber vein, Daniel level, Svornost mine, Jáchymov district, Krušné hory Mountains, Czech Republic.

Name: For Horní *Slavkov*, Czech Republic, from where the first specimens were collected.

Type Material: National Museum, Prague, Czech Republic (PIN 83.038).

References: (1) Sejkora, J., J. Plášil, P. Ondruš, F. Veselovský, I. Císařová, and J. Hloušek (2010) Slavkovite, $Cu_{13}(AsO_4)_6(AsO_3OH)_4•23H_2O$, a new mineral species from Horní Slavkov and Jáchymov, Czech Republic: description and crystal-structure determination. Can. Mineral., 48, 1157-1170. (2) (2011) Amer. Mineral., 96, 1659-1660(abs. ref. 1).