Bellidoite
Cu₂Se

Crystal Data: Tetragonal. Point Group: 4/m. As anhedral grains, to 0.3 mm in diameter.

Physical Properties: Hardness = < 3 VHN = 33–41 (100 g load). D(meas.) = n.d. D(calc.) = [7.01]


Cell Data: Space Group: P4₂/n. a = 11.52 c = 11.74 Z = [32]

X-ray Powder Pattern: Habrí, Czech Republic. 2.06 (100), 3.38 (80), 1.763 (70), 2.25 (50), 6.80 (30), 3.50 (10), 2.32 (10)

Chemistry:

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cu</td>
<td>61.5</td>
<td>61.62</td>
</tr>
<tr>
<td>Se</td>
<td>38.0</td>
<td>38.38</td>
</tr>
<tr>
<td>Total</td>
<td>99.5</td>
<td>100.00</td>
</tr>
</tbody>
</table>

(1) Habrí, Czech Republic; by electron microprobe. (2) Cu₂Se.

Polymorphism & Series: Dimorphous with berzelianite.

Occurrence: Formed at medium to low temperatures with other hydrothermal selenides and sulfides.

Association: Berzelianite, umangite, eskebornite, klockmannite, djurleite, digenite, siderite, calcite.

Distribution: From Habrí, near Tisnova, Czech Republic. At Tuminico, Sierra de Cacho, La Rioja Province, Argentina.

Name: For Eleodoro Bellido Bravo, Director of Servicio de Geología y Minería, Peru.

Type Material: n.d.