

Crystal Data: Monoclinic. *Point Group:* 2 or 2/*m*. Crystals, to 1 mm, tabular on {10 $\bar{1}$ } or acicular on {101}; {111} and {010} also observed.

Physical Properties: *Cleavage:* {101}, distinct. Hardness = ~4 D(meas.) = n.d.
D(calc.) = 4.97

Optical Properties: Transparent. *Color:* Colorless, white to very pale greenish.

Streak: White. *Luster:* Subadamantine.

Optical Class: Biaxial (-). *Orientation:* Z = b; X \wedge a \simeq 55°. *Dispersion:* r < v. α = 1.885(4)
 β = 1.910(4) γ = 1.913(4) 2V(meas.) = ~35(5)°

Cell Data: *Space Group:* P2₁ or P2₁/*m*. a = 5.431(3) b = 13.689(7) c = 5.892(3)
 β = 111.79(4)° Z = 2

X-ray Powder Pattern: Tsumeb, Namibia.

2.91 (10), 4.42 (8), 2.87 (8), 2.75 (7), 2.20 (7), 4.74 (6), 5.08 (5)

Chemistry:	(1)
	GeO ₂ 53.7
	FeO 12.1
	PbO 34.0
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	Total 99.8

(1) Tsumeb, Namibia; by electron microprobe, Fe²⁺ valence determined microchemically; corresponding to Pb_{0.97}Fe_{0.99}²⁺Ge_{3.02}O₈.

Occurrence: A very rare mineral in cavities in oxidized primary germanium ore from a dolostone-hosted hydrothermal polymetallic ore deposit.

Association: Germanite, reniérite, tennantite, galena.

Distribution: From Tsumeb, Namibia.

Name: For Wolfgang Bartelke (1949–), German mineral collector and specialist in the minerals of Tsumeb, Namibia.

Type Material: University of Stuttgart, Stuttgart, Germany, NM07; National Museum of Natural History, Washington, D.C., USA, 148302.

References: (1) Keller, P., H. Hess, and P.J. Dunn (1981) Bartelkeit, PbFe²⁺Ge₃O₈, ein neues Germanium Mineral von Tsumeb, Namibia. Chem. Erde, 40, 201–206 (in German with English abs.). (2) (1982) Amer. Mineral., 67, 413 (abs. ref. 1).