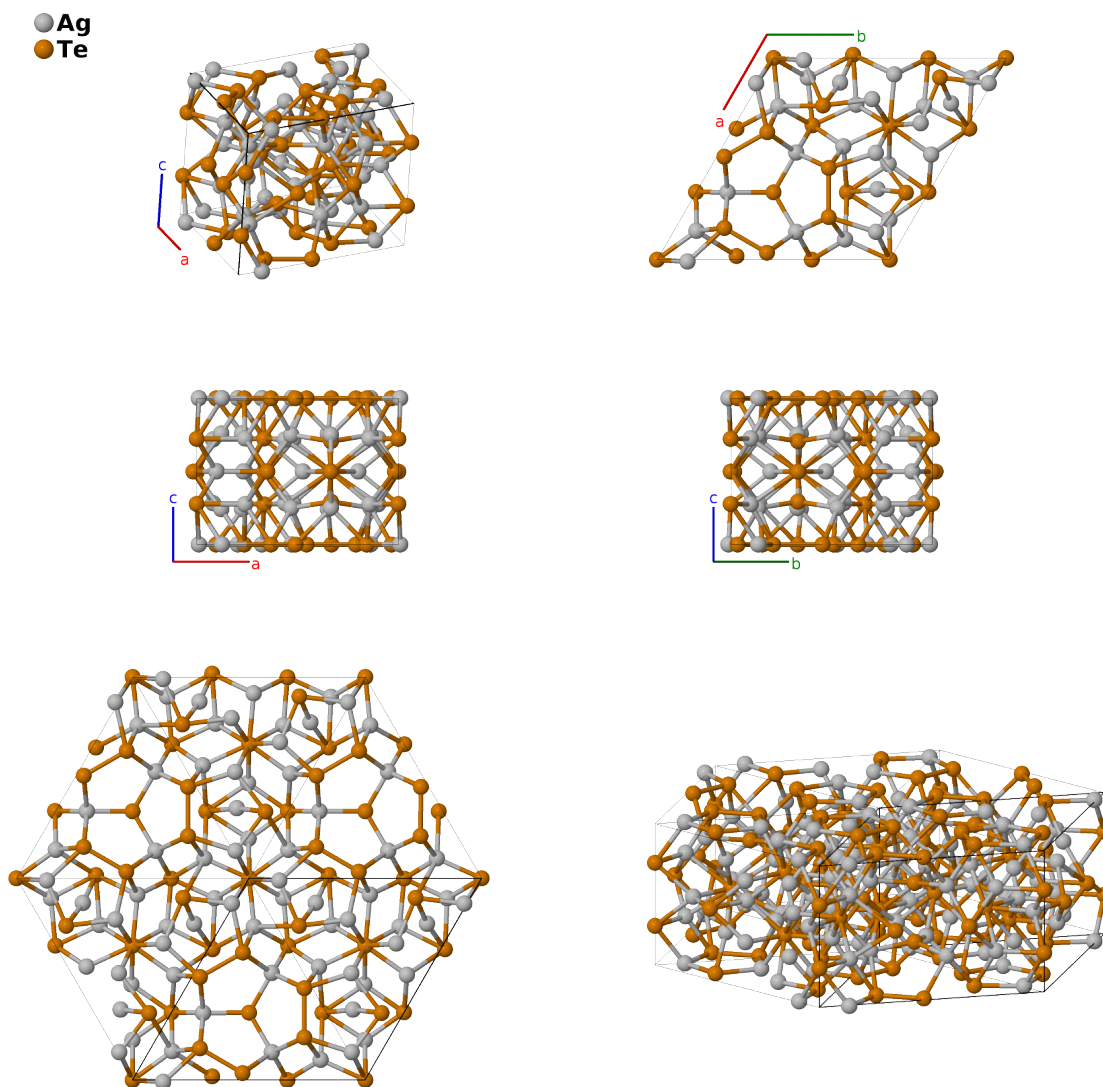


# Stützite ( $\text{Ag}_{5-x}\text{Te}_3$ ) Structure: A12B7\_hP57\_174\_2j2k4l\_ghi3j2k-001

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<https://afLOW.org/p/T2R2>

[https://afLOW.org/p/A12B7\\_hP57\\_174\\_2j2k4l\\_ghi3j2k-001](https://afLOW.org/p/A12B7_hP57_174_2j2k4l_ghi3j2k-001)



Prototype	$\text{Ag}_{5-x}\text{Te}_3$
AFLOW prototype label	A12B7_hP57_174_2j2k4l_ghi3j2k-001
Mineral name	stützite
ICSD	263525
Pearson symbol	hP57
Space group number	174

Space group symbol

 $P\bar{6}$ 

AFLOW prototype command

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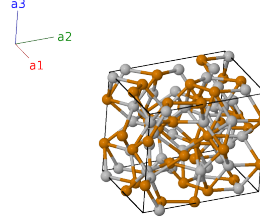
--params= $a, c/a, z_1, z_2, z_3, x_4, y_4, x_5, y_5, x_6, y_6, x_7, y_7, x_8, y_8, x_9, y_9, x_{10}, y_{10}, x_{11}, y_{11}, x_{12}, y_{12}, x_{13}, y_{13}, z_{13}, x_{14}, y_{14}, z_{14}, x_{15}, y_{15}, z_{15}, x_{16}, y_{16}, z_{16}$

Hexagonal primitive vectors

$$\mathbf{a}_1 = \frac{1}{2}a \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a \hat{\mathbf{y}}$$

$$\mathbf{a}_2 = \frac{1}{2}a \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}a \hat{\mathbf{y}}$$

$$\mathbf{a}_3 = c \hat{\mathbf{z}}$$



Basis vectors

	Lattice coordinates		Cartesian coordinates	Wyckoff position	Atom type
$\mathbf{B}_1$	$z_1 \mathbf{a}_3$	=	$cz_1 \hat{\mathbf{z}}$	(2g)	Te I
$\mathbf{B}_2$	$-z_1 \mathbf{a}_3$	=	$-cz_1 \hat{\mathbf{z}}$	(2g)	Te I
$\mathbf{B}_3$	$\frac{1}{3} \mathbf{a}_1 + \frac{2}{3} \mathbf{a}_2 + z_2 \mathbf{a}_3$	=	$\frac{1}{2}a \hat{\mathbf{x}} + \frac{\sqrt{3}}{6}a \hat{\mathbf{y}} + cz_2 \hat{\mathbf{z}}$	(2h)	Te II
$\mathbf{B}_4$	$\frac{1}{3} \mathbf{a}_1 + \frac{2}{3} \mathbf{a}_2 - z_2 \mathbf{a}_3$	=	$\frac{1}{2}a \hat{\mathbf{x}} + \frac{\sqrt{3}}{6}a \hat{\mathbf{y}} - cz_2 \hat{\mathbf{z}}$	(2h)	Te II
$\mathbf{B}_5$	$\frac{2}{3} \mathbf{a}_1 + \frac{1}{3} \mathbf{a}_2 + z_3 \mathbf{a}_3$	=	$\frac{1}{2}a \hat{\mathbf{x}} - \frac{\sqrt{3}}{6}a \hat{\mathbf{y}} + cz_3 \hat{\mathbf{z}}$	(2i)	Te III
$\mathbf{B}_6$	$\frac{2}{3} \mathbf{a}_1 + \frac{1}{3} \mathbf{a}_2 - z_3 \mathbf{a}_3$	=	$\frac{1}{2}a \hat{\mathbf{x}} - \frac{\sqrt{3}}{6}a \hat{\mathbf{y}} - cz_3 \hat{\mathbf{z}}$	(2i)	Te III
$\mathbf{B}_7$	$x_4 \mathbf{a}_1 + y_4 \mathbf{a}_2$	=	$\frac{1}{2}a(x_4 + y_4) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_4 - y_4) \hat{\mathbf{y}}$	(3j)	Ag I
$\mathbf{B}_8$	$-y_4 \mathbf{a}_1 + (x_4 - y_4) \mathbf{a}_2$	=	$\frac{1}{2}a(x_4 - 2y_4) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_4 \hat{\mathbf{y}}$	(3j)	Ag I
$\mathbf{B}_9$	$-(x_4 - y_4) \mathbf{a}_1 - x_4 \mathbf{a}_2$	=	$-\frac{1}{2}a(2x_4 - y_4) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_4 \hat{\mathbf{y}}$	(3j)	Ag I
$\mathbf{B}_{10}$	$x_5 \mathbf{a}_1 + y_5 \mathbf{a}_2$	=	$\frac{1}{2}a(x_5 + y_5) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_5 - y_5) \hat{\mathbf{y}}$	(3j)	Ag II
$\mathbf{B}_{11}$	$-y_5 \mathbf{a}_1 + (x_5 - y_5) \mathbf{a}_2$	=	$\frac{1}{2}a(x_5 - 2y_5) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_5 \hat{\mathbf{y}}$	(3j)	Ag II
$\mathbf{B}_{12}$	$-(x_5 - y_5) \mathbf{a}_1 - x_5 \mathbf{a}_2$	=	$-\frac{1}{2}a(2x_5 - y_5) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_5 \hat{\mathbf{y}}$	(3j)	Ag II
$\mathbf{B}_{13}$	$x_6 \mathbf{a}_1 + y_6 \mathbf{a}_2$	=	$\frac{1}{2}a(x_6 + y_6) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_6 - y_6) \hat{\mathbf{y}}$	(3j)	Te IV
$\mathbf{B}_{14}$	$-y_6 \mathbf{a}_1 + (x_6 - y_6) \mathbf{a}_2$	=	$\frac{1}{2}a(x_6 - 2y_6) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_6 \hat{\mathbf{y}}$	(3j)	Te IV
$\mathbf{B}_{15}$	$-(x_6 - y_6) \mathbf{a}_1 - x_6 \mathbf{a}_2$	=	$-\frac{1}{2}a(2x_6 - y_6) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_6 \hat{\mathbf{y}}$	(3j)	Te IV
$\mathbf{B}_{16}$	$x_7 \mathbf{a}_1 + y_7 \mathbf{a}_2$	=	$\frac{1}{2}a(x_7 + y_7) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_7 - y_7) \hat{\mathbf{y}}$	(3j)	Te V
$\mathbf{B}_{17}$	$-y_7 \mathbf{a}_1 + (x_7 - y_7) \mathbf{a}_2$	=	$\frac{1}{2}a(x_7 - 2y_7) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_7 \hat{\mathbf{y}}$	(3j)	Te V
$\mathbf{B}_{18}$	$-(x_7 - y_7) \mathbf{a}_1 - x_7 \mathbf{a}_2$	=	$-\frac{1}{2}a(2x_7 - y_7) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_7 \hat{\mathbf{y}}$	(3j)	Te V
$\mathbf{B}_{19}$	$x_8 \mathbf{a}_1 + y_8 \mathbf{a}_2$	=	$\frac{1}{2}a(x_8 + y_8) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_8 - y_8) \hat{\mathbf{y}}$	(3j)	Te VI
$\mathbf{B}_{20}$	$-y_8 \mathbf{a}_1 + (x_8 - y_8) \mathbf{a}_2$	=	$\frac{1}{2}a(x_8 - 2y_8) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_8 \hat{\mathbf{y}}$	(3j)	Te VI
$\mathbf{B}_{21}$	$-(x_8 - y_8) \mathbf{a}_1 - x_8 \mathbf{a}_2$	=	$-\frac{1}{2}a(2x_8 - y_8) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_8 \hat{\mathbf{y}}$	(3j)	Te VI
$\mathbf{B}_{22}$	$x_9 \mathbf{a}_1 + y_9 \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3$	=	$\frac{1}{2}a(x_9 + y_9) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_9 - y_9) \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}}$	(3k)	Ag III
$\mathbf{B}_{23}$	$-y_9 \mathbf{a}_1 + (x_9 - y_9) \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3$	=	$\frac{1}{2}a(x_9 - 2y_9) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_9 \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}}$	(3k)	Ag III
$\mathbf{B}_{24}$	$-(x_9 - y_9) \mathbf{a}_1 - x_9 \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3$	=	$-\frac{1}{2}a(2x_9 - y_9) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_9 \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}}$	(3k)	Ag III
$\mathbf{B}_{25}$	$x_{10} \mathbf{a}_1 + y_{10} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3$	=	$\frac{1}{2}a(x_{10} + y_{10}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{10} - y_{10}) \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}}$	(3k)	Ag IV
$\mathbf{B}_{26}$	$-y_{10} \mathbf{a}_1 + (x_{10} - y_{10}) \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3$	=	$\frac{1}{2}a(x_{10} - 2y_{10}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{10} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}}$	(3k)	Ag IV

$$\begin{aligned}
\mathbf{B}_{27} &= -(x_{10} - y_{10}) \mathbf{a}_1 - x_{10} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = -\frac{1}{2}a(2x_{10} - y_{10}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{10} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Ag IV} \\
\mathbf{B}_{28} &= x_{11} \mathbf{a}_1 + y_{11} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = \frac{1}{2}a(x_{11} + y_{11}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{11} - y_{11}) \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VII} \\
\mathbf{B}_{29} &= -y_{11} \mathbf{a}_1 + (x_{11} - y_{11}) \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = \frac{1}{2}a(x_{11} - 2y_{11}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{11} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VII} \\
\mathbf{B}_{30} &= -(x_{11} - y_{11}) \mathbf{a}_1 - x_{11} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = -\frac{1}{2}a(2x_{11} - y_{11}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{11} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VII} \\
\mathbf{B}_{31} &= x_{12} \mathbf{a}_1 + y_{12} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = \frac{1}{2}a(x_{12} + y_{12}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{12} - y_{12}) \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VIII} \\
\mathbf{B}_{32} &= -y_{12} \mathbf{a}_1 + (x_{12} - y_{12}) \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = \frac{1}{2}a(x_{12} - 2y_{12}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{12} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VIII} \\
\mathbf{B}_{33} &= -(x_{12} - y_{12}) \mathbf{a}_1 - x_{12} \mathbf{a}_2 + \frac{1}{2} \mathbf{a}_3 = -\frac{1}{2}a(2x_{12} - y_{12}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{12} \hat{\mathbf{y}} + \frac{1}{2}c \hat{\mathbf{z}} & (3k) & \text{Te VIII} \\
\mathbf{B}_{34} &= x_{13} \mathbf{a}_1 + y_{13} \mathbf{a}_2 + z_{13} \mathbf{a}_3 = \frac{1}{2}a(x_{13} + y_{13}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{13} - y_{13}) \hat{\mathbf{y}} + cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{35} &= -y_{13} \mathbf{a}_1 + (x_{13} - y_{13}) \mathbf{a}_2 + z_{13} \mathbf{a}_3 = \frac{1}{2}a(x_{13} - 2y_{13}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{13} \hat{\mathbf{y}} + cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{36} &= -(x_{13} - y_{13}) \mathbf{a}_1 - x_{13} \mathbf{a}_2 + z_{13} \mathbf{a}_3 = -\frac{1}{2}a(2x_{13} - y_{13}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{13} \hat{\mathbf{y}} + cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{37} &= x_{13} \mathbf{a}_1 + y_{13} \mathbf{a}_2 - z_{13} \mathbf{a}_3 = \frac{1}{2}a(x_{13} + y_{13}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{13} - y_{13}) \hat{\mathbf{y}} - cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{38} &= -y_{13} \mathbf{a}_1 + (x_{13} - y_{13}) \mathbf{a}_2 - z_{13} \mathbf{a}_3 = \frac{1}{2}a(x_{13} - 2y_{13}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{13} \hat{\mathbf{y}} - cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{39} &= -(x_{13} - y_{13}) \mathbf{a}_1 - x_{13} \mathbf{a}_2 - z_{13} \mathbf{a}_3 = -\frac{1}{2}a(2x_{13} - y_{13}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{13} \hat{\mathbf{y}} - cz_{13} \hat{\mathbf{z}} & (6l) & \text{Ag V} \\
\mathbf{B}_{40} &= x_{14} \mathbf{a}_1 + y_{14} \mathbf{a}_2 + z_{14} \mathbf{a}_3 = \frac{1}{2}a(x_{14} + y_{14}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{14} - y_{14}) \hat{\mathbf{y}} + cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{41} &= -y_{14} \mathbf{a}_1 + (x_{14} - y_{14}) \mathbf{a}_2 + z_{14} \mathbf{a}_3 = \frac{1}{2}a(x_{14} - 2y_{14}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{14} \hat{\mathbf{y}} + cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{42} &= -(x_{14} - y_{14}) \mathbf{a}_1 - x_{14} \mathbf{a}_2 + z_{14} \mathbf{a}_3 = -\frac{1}{2}a(2x_{14} - y_{14}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{14} \hat{\mathbf{y}} + cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{43} &= x_{14} \mathbf{a}_1 + y_{14} \mathbf{a}_2 - z_{14} \mathbf{a}_3 = \frac{1}{2}a(x_{14} + y_{14}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{14} - y_{14}) \hat{\mathbf{y}} - cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{44} &= -y_{14} \mathbf{a}_1 + (x_{14} - y_{14}) \mathbf{a}_2 - z_{14} \mathbf{a}_3 = \frac{1}{2}a(x_{14} - 2y_{14}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{14} \hat{\mathbf{y}} - cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{45} &= -(x_{14} - y_{14}) \mathbf{a}_1 - x_{14} \mathbf{a}_2 - z_{14} \mathbf{a}_3 = -\frac{1}{2}a(2x_{14} - y_{14}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{14} \hat{\mathbf{y}} - cz_{14} \hat{\mathbf{z}} & (6l) & \text{Ag VI} \\
\mathbf{B}_{46} &= x_{15} \mathbf{a}_1 + y_{15} \mathbf{a}_2 + z_{15} \mathbf{a}_3 = \frac{1}{2}a(x_{15} + y_{15}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{15} - y_{15}) \hat{\mathbf{y}} + cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{47} &= -y_{15} \mathbf{a}_1 + (x_{15} - y_{15}) \mathbf{a}_2 + z_{15} \mathbf{a}_3 = \frac{1}{2}a(x_{15} - 2y_{15}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{15} \hat{\mathbf{y}} + cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{48} &= -(x_{15} - y_{15}) \mathbf{a}_1 - x_{15} \mathbf{a}_2 + z_{15} \mathbf{a}_3 = -\frac{1}{2}a(2x_{15} - y_{15}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{15} \hat{\mathbf{y}} + cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{49} &= x_{15} \mathbf{a}_1 + y_{15} \mathbf{a}_2 - z_{15} \mathbf{a}_3 = \frac{1}{2}a(x_{15} + y_{15}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{15} - y_{15}) \hat{\mathbf{y}} - cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{50} &= -y_{15} \mathbf{a}_1 + (x_{15} - y_{15}) \mathbf{a}_2 - z_{15} \mathbf{a}_3 = \frac{1}{2}a(x_{15} - 2y_{15}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{15} \hat{\mathbf{y}} - cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{51} &= -(x_{15} - y_{15}) \mathbf{a}_1 - x_{15} \mathbf{a}_2 - z_{15} \mathbf{a}_3 = -\frac{1}{2}a(2x_{15} - y_{15}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{15} \hat{\mathbf{y}} - cz_{15} \hat{\mathbf{z}} & (6l) & \text{Ag VII} \\
\mathbf{B}_{52} &= x_{16} \mathbf{a}_1 + y_{16} \mathbf{a}_2 + z_{16} \mathbf{a}_3 = \frac{1}{2}a(x_{16} + y_{16}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{16} - y_{16}) \hat{\mathbf{y}} + cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII} \\
\mathbf{B}_{53} &= -y_{16} \mathbf{a}_1 + (x_{16} - y_{16}) \mathbf{a}_2 + z_{16} \mathbf{a}_3 = \frac{1}{2}a(x_{16} - 2y_{16}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{16} \hat{\mathbf{y}} + cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII} \\
\mathbf{B}_{54} &= -(x_{16} - y_{16}) \mathbf{a}_1 - x_{16} \mathbf{a}_2 + z_{16} \mathbf{a}_3 = -\frac{1}{2}a(2x_{16} - y_{16}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{16} \hat{\mathbf{y}} + cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII} \\
\mathbf{B}_{55} &= x_{16} \mathbf{a}_1 + y_{16} \mathbf{a}_2 - z_{16} \mathbf{a}_3 = \frac{1}{2}a(x_{16} + y_{16}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}a(x_{16} - y_{16}) \hat{\mathbf{y}} - cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII} \\
\mathbf{B}_{56} &= -y_{16} \mathbf{a}_1 + (x_{16} - y_{16}) \mathbf{a}_2 - z_{16} \mathbf{a}_3 = \frac{1}{2}a(x_{16} - 2y_{16}) \hat{\mathbf{x}} + \frac{\sqrt{3}}{2}ax_{16} \hat{\mathbf{y}} - cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII} \\
\mathbf{B}_{57} &= -(x_{16} - y_{16}) \mathbf{a}_1 - x_{16} \mathbf{a}_2 - z_{16} \mathbf{a}_3 = -\frac{1}{2}a(2x_{16} - y_{16}) \hat{\mathbf{x}} - \frac{\sqrt{3}}{2}ay_{16} \hat{\mathbf{y}} - cz_{16} \hat{\mathbf{z}} & (6l) & \text{Ag VIII}
\end{aligned}$$

## References

- [1] L. Bindi and F. N. Keutsch, *Old defined minerals with complex, still unresolved structures: the case of stützite, Ag<sub>5x</sub>Te<sub>3</sub>*, *Z. Kristallogr.* **233**, 247–253 (2018), doi:10.1515/zkri-2017-2120.

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