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Crystal Data: Tetragonal. *Point Group:* $\overline{4}2m$. As equant crystals, with forms $\{110\}$, $\{101\}$, $\{100\}$ and $\{001\}$; in irregular grains up to several mm.

Physical Properties: Fracture: Conchoidal. Hardness = \sim 5 D(meas.) = 3.03 D(calc.) = 3.23

Optical Properties: Semitransparent. *Color:* Dark brown, greenish brown, brownish green; light brown in thin section. *Streak:* White. *Luster:* Resinous. *Optical Class:* Uniaxial (+). $\omega = 1.715$ $\epsilon = 1.728$

Cell Data: Space Group: $I\overline{4}m2$. a = 10.461(1) c = 8.813(1) Z = 2

X-ray Powder Pattern: Bellerberg volcano, Germany. 2.832 (> 100), 3.242 (42), 2.615 (35), 1.849 (34), 1.5491 (21), 2.756 (17), 1.920 (16)

Chemistry:

	(1)	(2)
SiO_2	27.3	27.52
$\mathrm{Al_2O_3}$	0.4	
FeO	0.8	
MgO	0.9	
CaO	67.6	70.64
S^{2-}	2.7	3.67
-O = S	1.4	1.83
Total	98.3	100.00

(1) Bellerberg volcano, Germany; by electron microprobe, average of seven analyses; corresponds to $(Ca_{10.6}Mg_{0.2}Fe_{0.1}Al_{0.05})_{\Sigma=10.95}Si_{4.0}O_{18.25}S_{0.75}$. (2) $Ca_{11}(SiO_4)_4O_2S$.

Occurrence: In metamorphosed limestone inclusions in basalt.

Association: Mayenite, brownmillerite, larnite, portlandite, ettringite, calcite, vaterite, tobermorite, thaumasite.

Distribution: From the Bellerberg volcano, two km north of Mayen, Eifel district, Germany.

Name: Honors Professor Karl Jasmund, retired Director of the Mineralogical-Petrographic Institute, University of Cologne, Cologne, Germany.

Type Material: Mineralogical-Petrographic Institute, University of Cologne, Cologne, Germany; Department of Chemistry, University of Aberdeen, Aberdeen, Scotland.