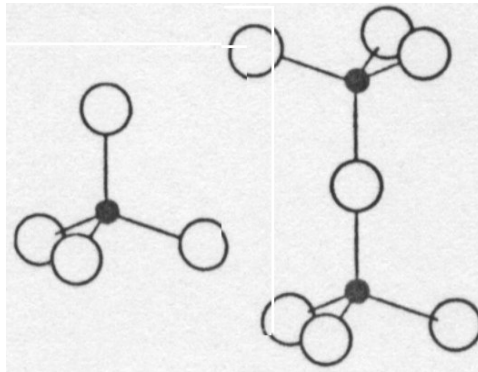


## II. SOROSILIKATI skupinski

- dva tetraedra  $[\text{Si}_2\text{O}_7]^{6-}$  in  $[\text{SiO}_4]^{4-}$
- $\text{O}/\text{Si} < 4/1$

Slika:



Melilitova skupina:  $\text{Ca}_2(\text{Mg},\text{Al})[(\text{Si},\text{Al})_2\text{O}_7]$

Lawsonitova skupina:  $\text{CaAl}_2[(\text{Si}_2\text{O}_7)(\text{OH})_2]\cdot\text{H}_2\text{O}$

Hemimorfitova skupina:  $\text{Zn}_4[(\text{Si}_2\text{O}_7)(\text{OH})_2]\cdot\text{H}_2\text{O}$

### SOROSILIKATI S $\text{SiO}_4$ IN $\text{Si}_2\text{O}_7$

Epidotova skupina:  $\text{Ca}_2\text{Al}_3[\text{O}(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{OH})]$

Zoisitova skupina:  $\text{Ca}_2\text{Al}_3[\text{O}(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{OH})]$

Vezuvianova skupina:  $\text{Ca}_{10}(\text{Mg},\text{Fe})_2\text{Al}_4[(\text{SiO}_4)_5(\text{Si}_2\text{O}_7)_2(\text{OH})_4]$

**Melilit**  $\text{Ca}_2(\text{Mg},\text{Al})^{(6)}[(\text{Si},\text{Al})_2\text{O}_7]^{(4)} \rightarrow$  trdna raztopina

Akermanit  $\text{Ca}_2\text{Mg}[\text{Si}_2\text{O}_7]$

Gehlenit  $\text{Ca}_2\text{Al}[(\text{Si},\text{Al})_2\text{O}_7]$

**Hemimorfit** – trojna oblika O: v  $\text{SiO}_4$ , v (OH) in v  $\text{H}_2\text{O}$