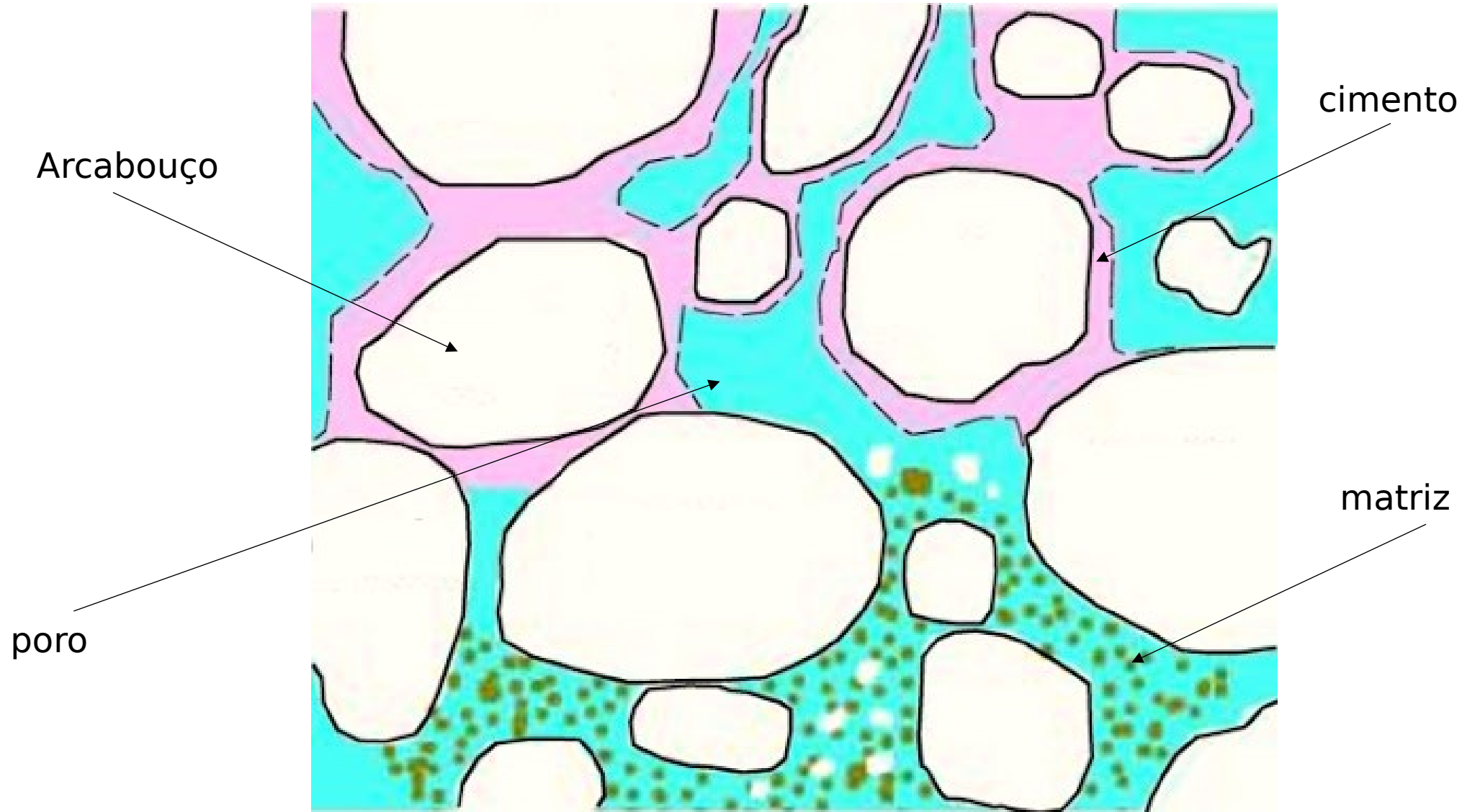


Diagênese
“Cimentação”

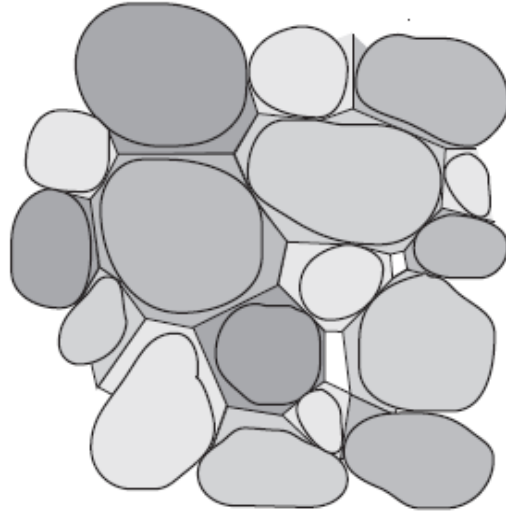
Arcabouço, matriz, cimento e poro





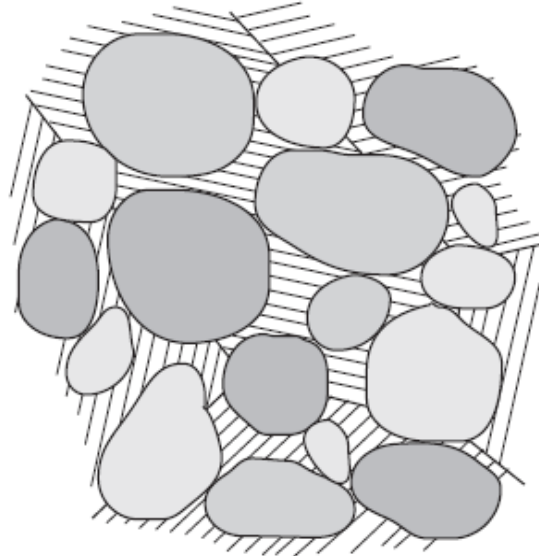
Texturas de cimentos

(a) Overgrowth cement



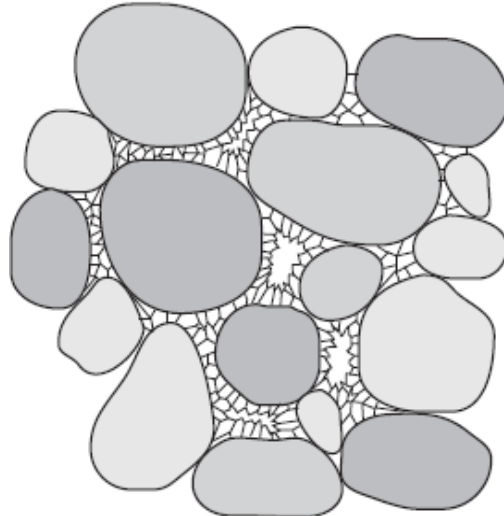
Cement growth is in optical continuity with the adjacent grain

(b) Poikilotopic cement



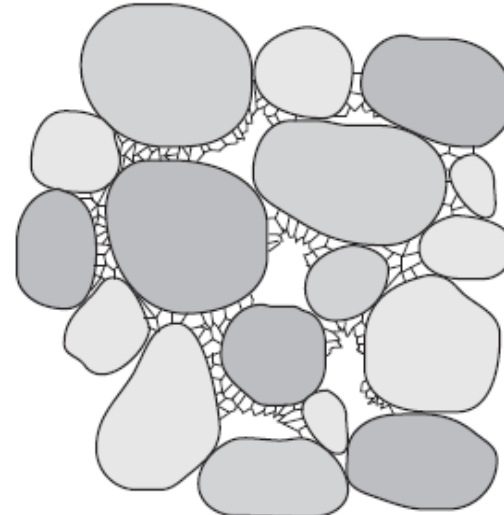
Grains are enveloped in large crystals of cement

(c) Isopachous cement



Crystals of cement grow uniformly into pores

(d) Meniscus cement

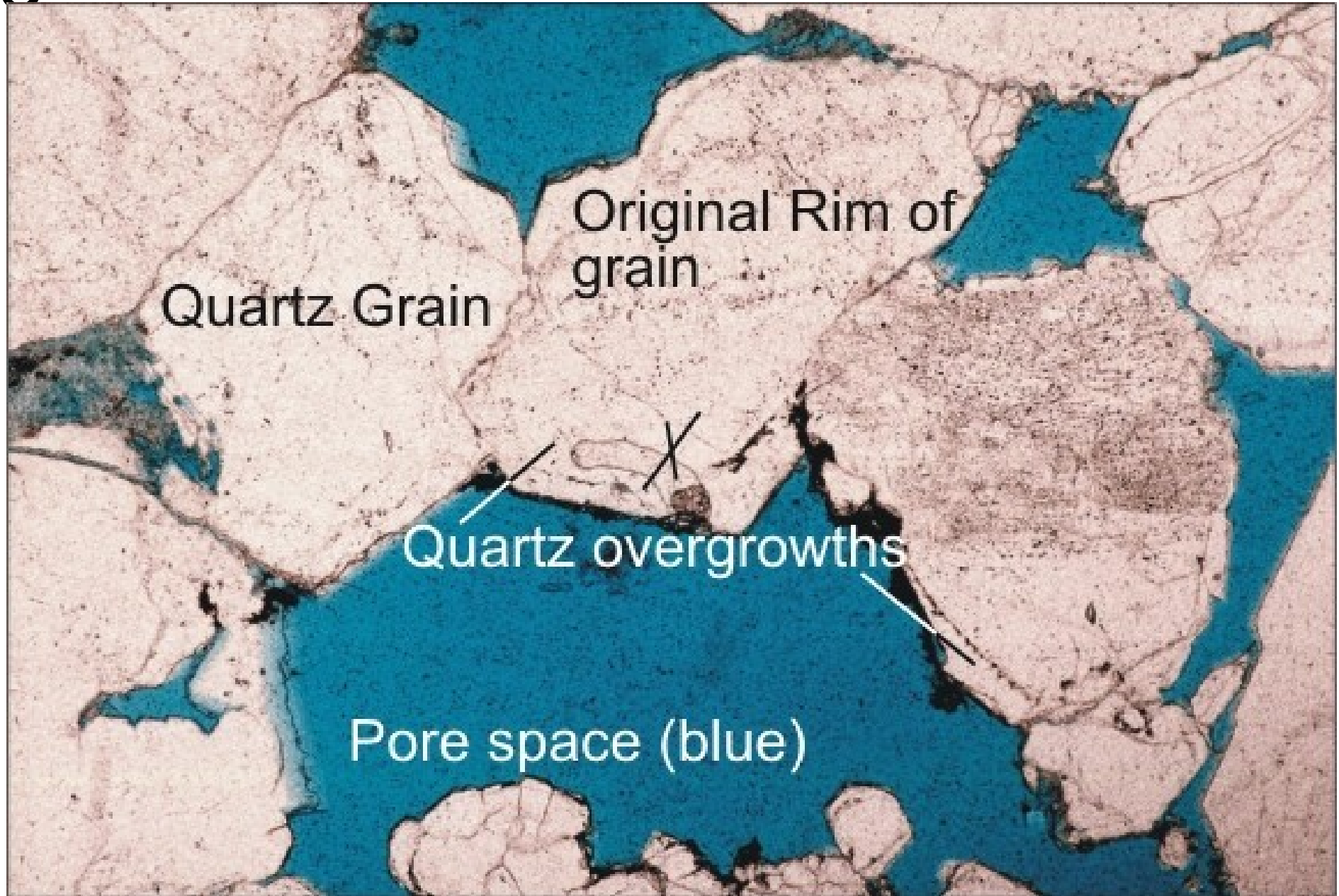


Cement develops from drops of pore water attached to grains

Minerais autigênicos em rochas sedimentares (*mais comuns)

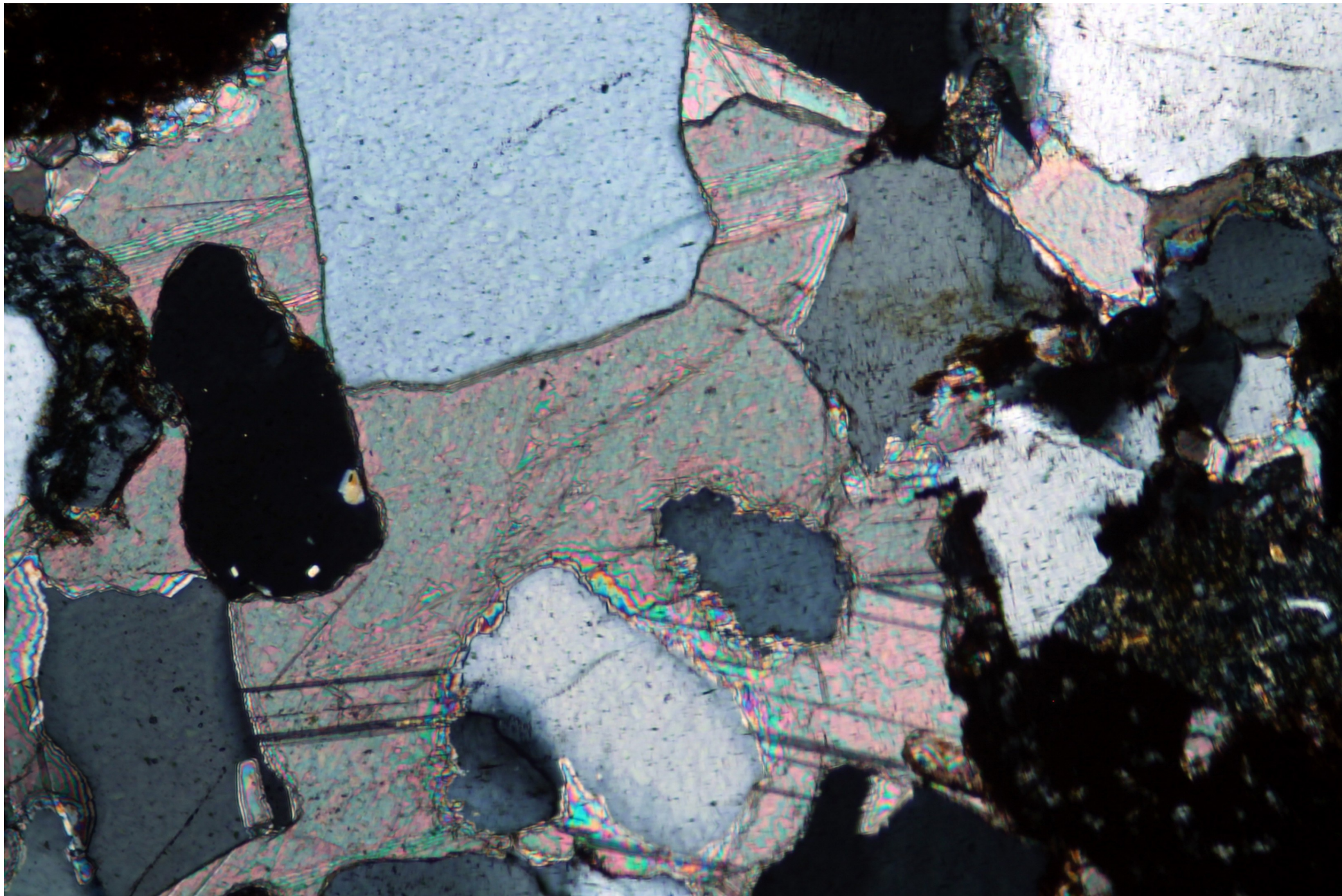
- Quartzo*
- Calcita*
- Dolomita*
- Hematita*
- Goethita
- Anidrita*
- Gipso*
- Caulinita*
- Esmeclita*
- Ilita*
- Clorita
- Pirita
- Siderita
- Barita
- Halita
- Zeólita
- Stevensita
- Anatásio
- Albita

Quartz

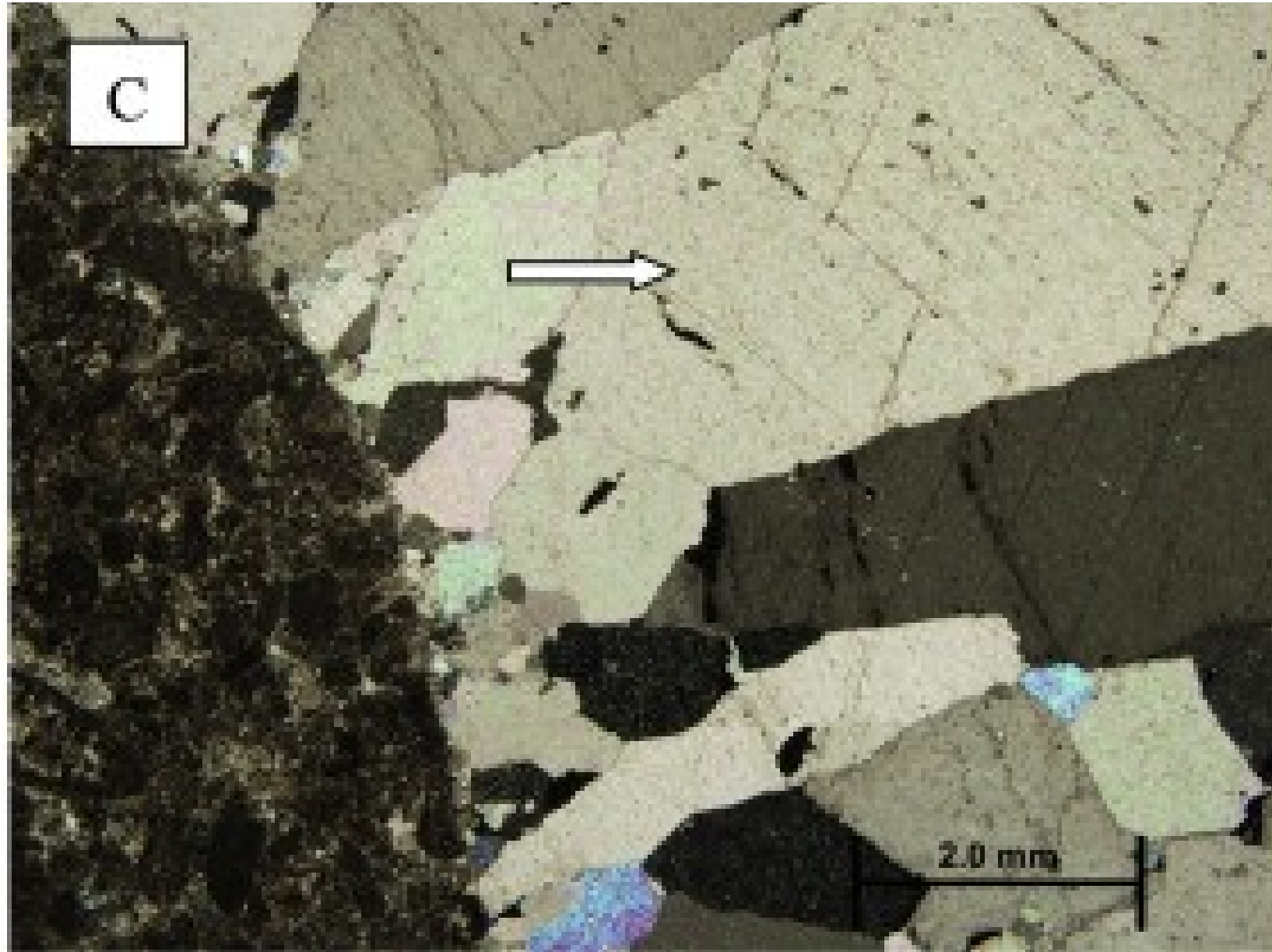
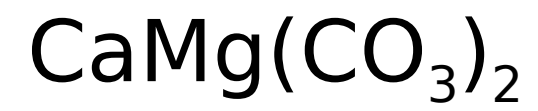


Calcita

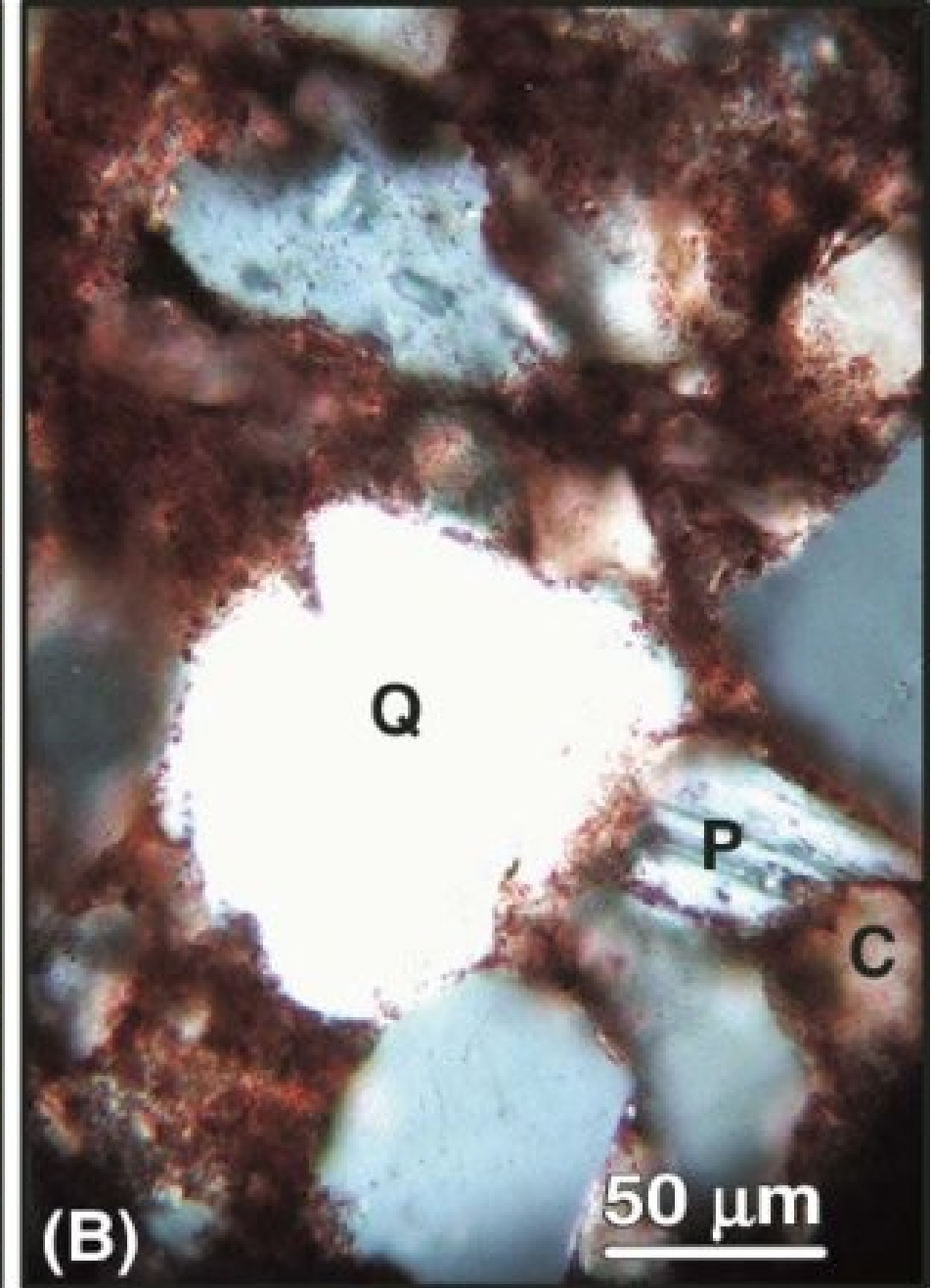
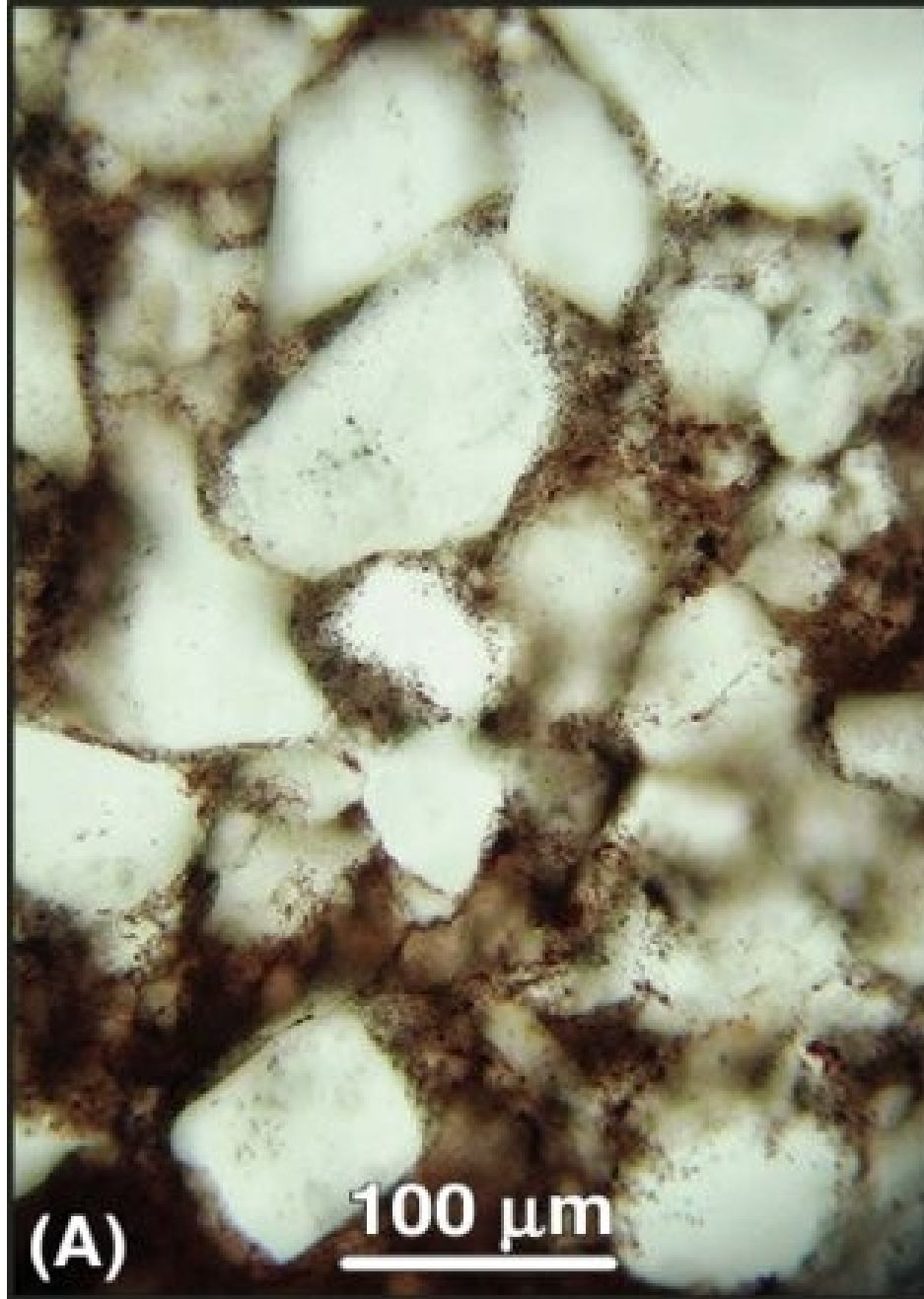
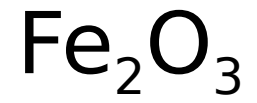
CaCO_3



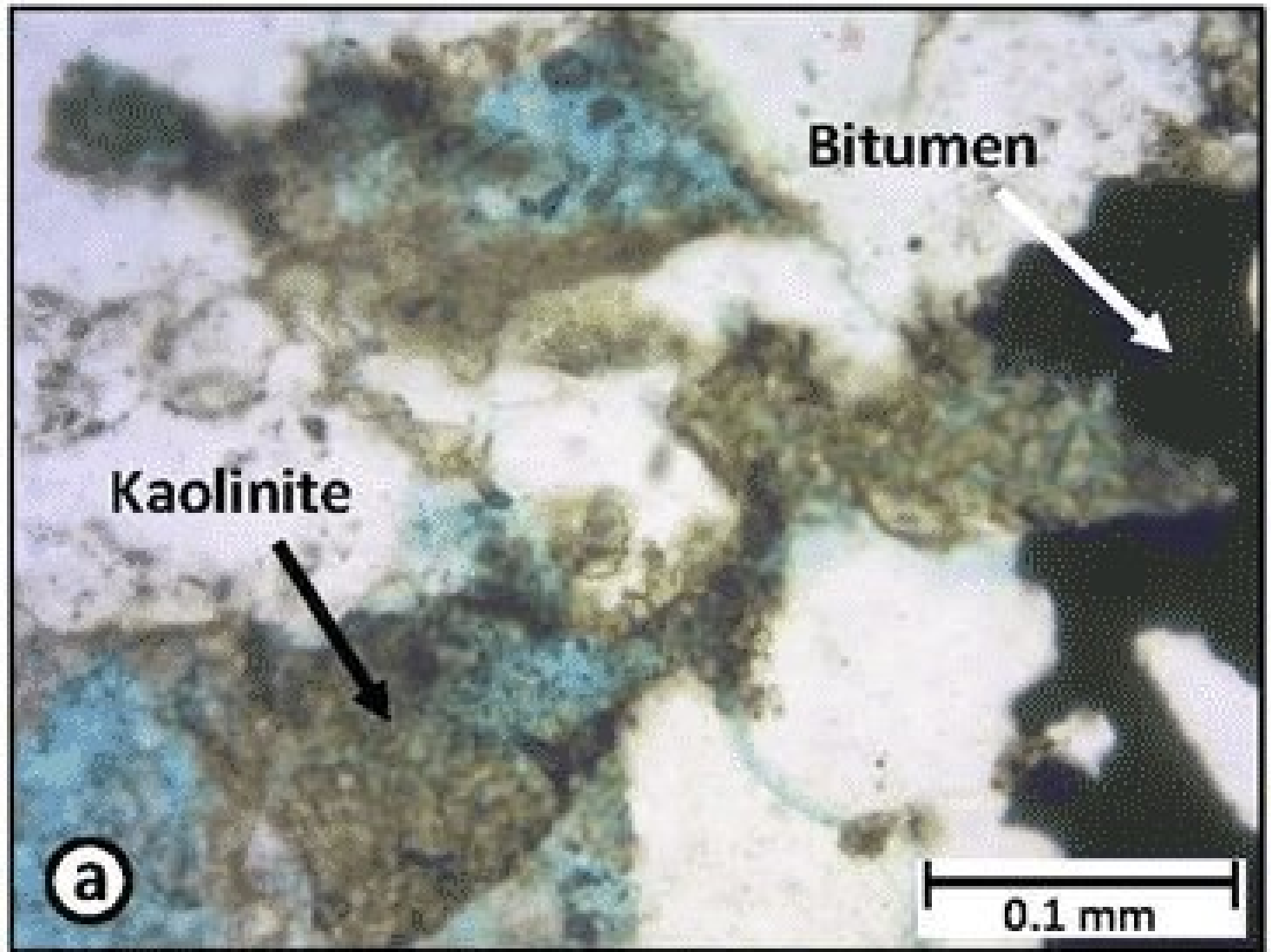
Dolomita



Hematite



Caulinita



Kaolinite

Illite-smectite

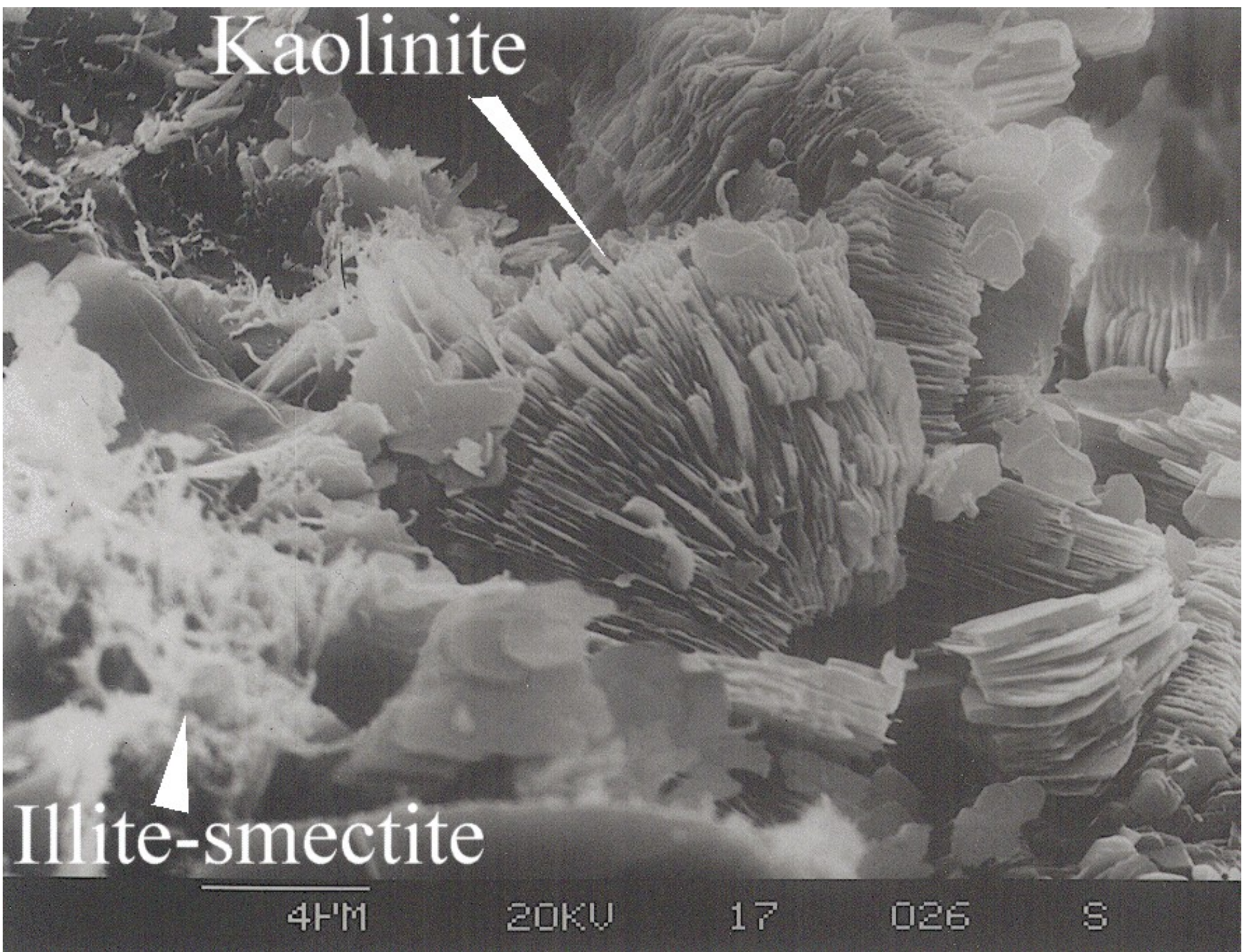
4F'M

20KV

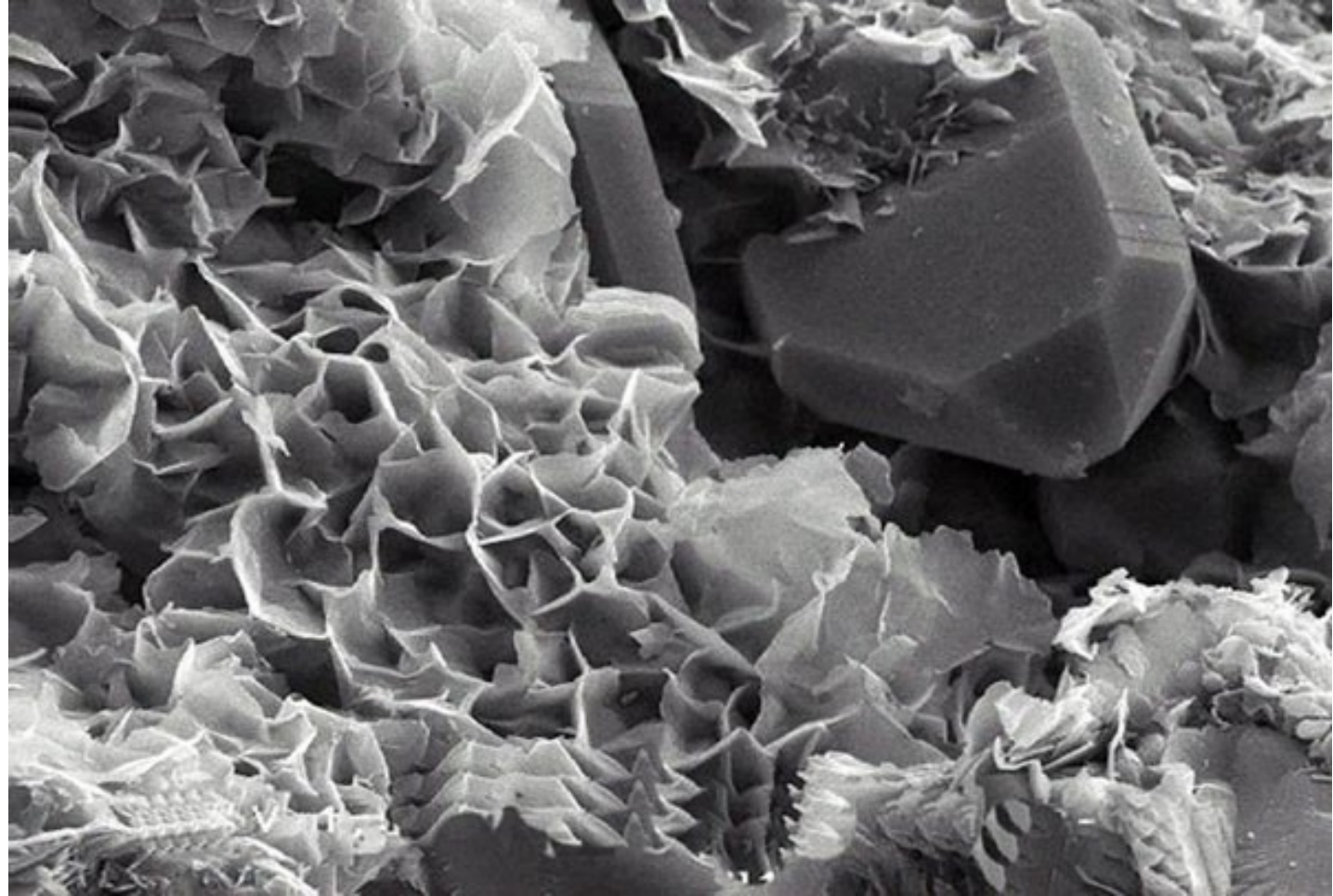
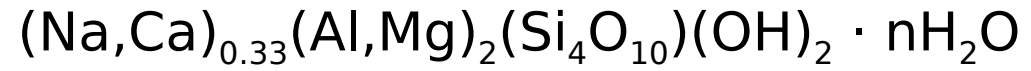
17

026

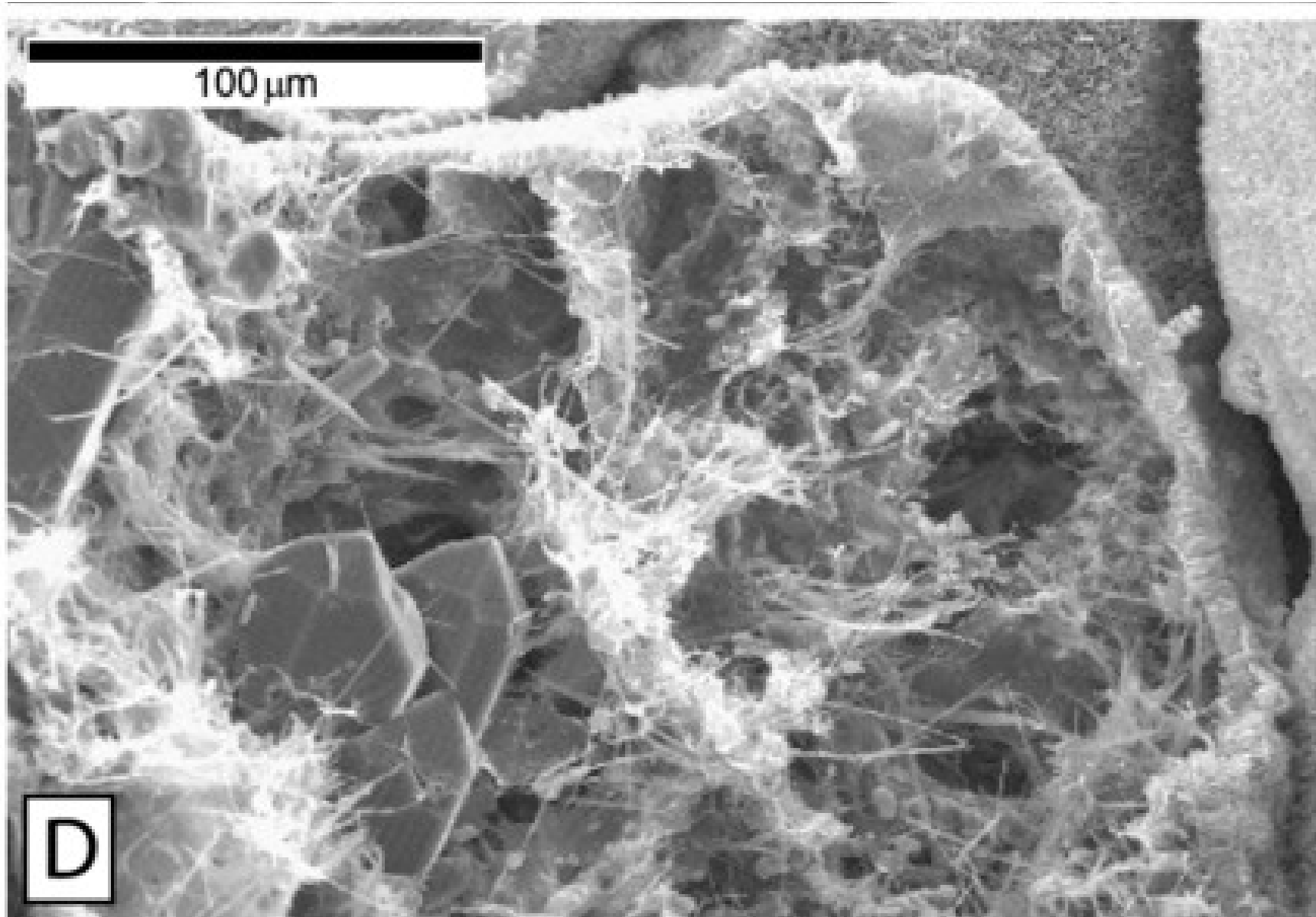
S



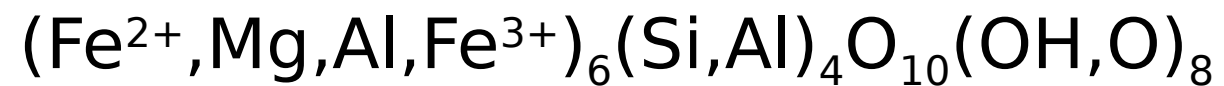
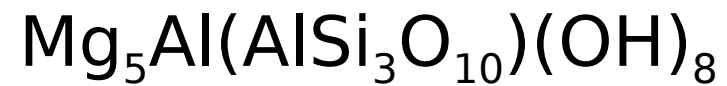
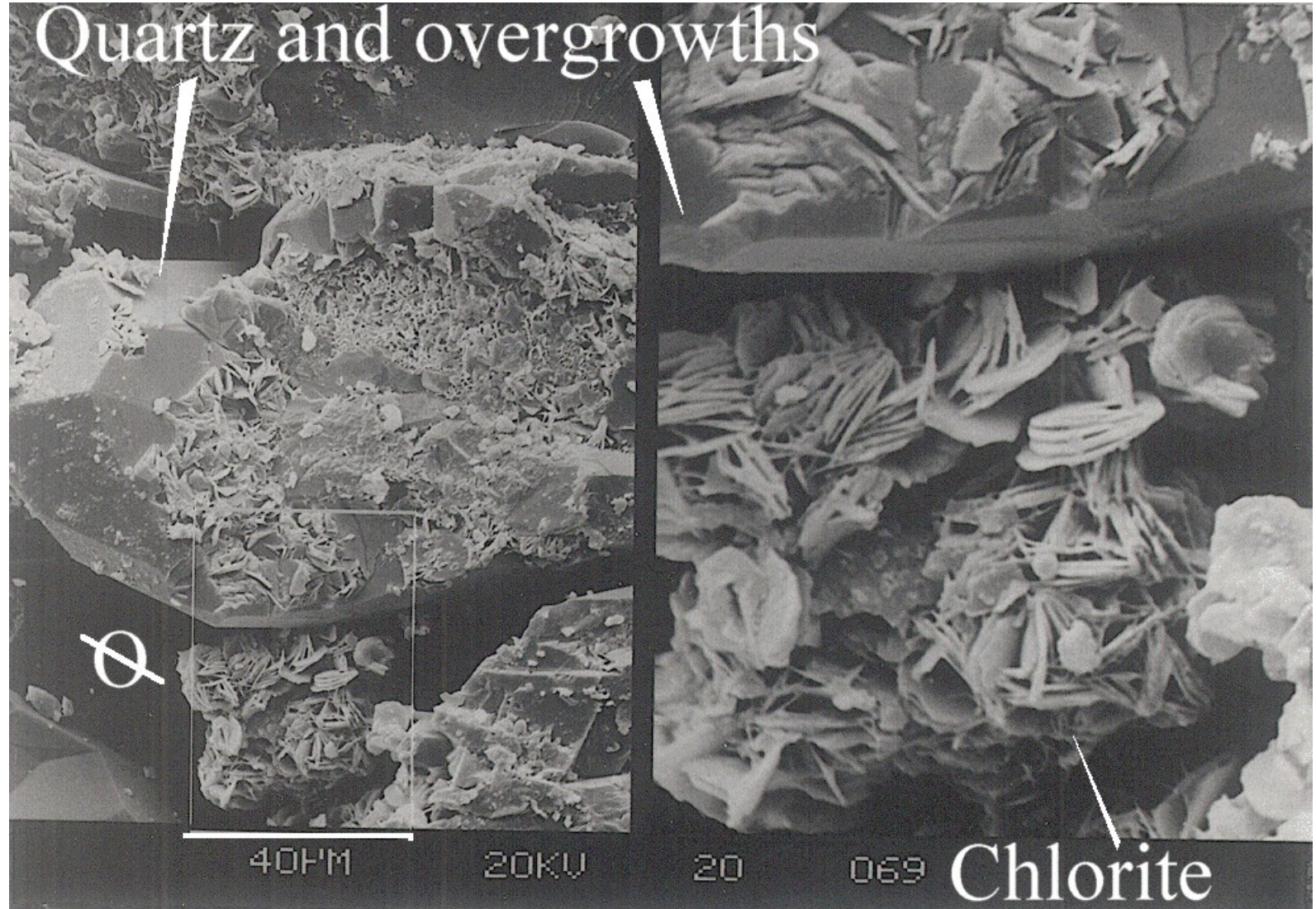
Esmectita (Montimorilonita-Saponita)

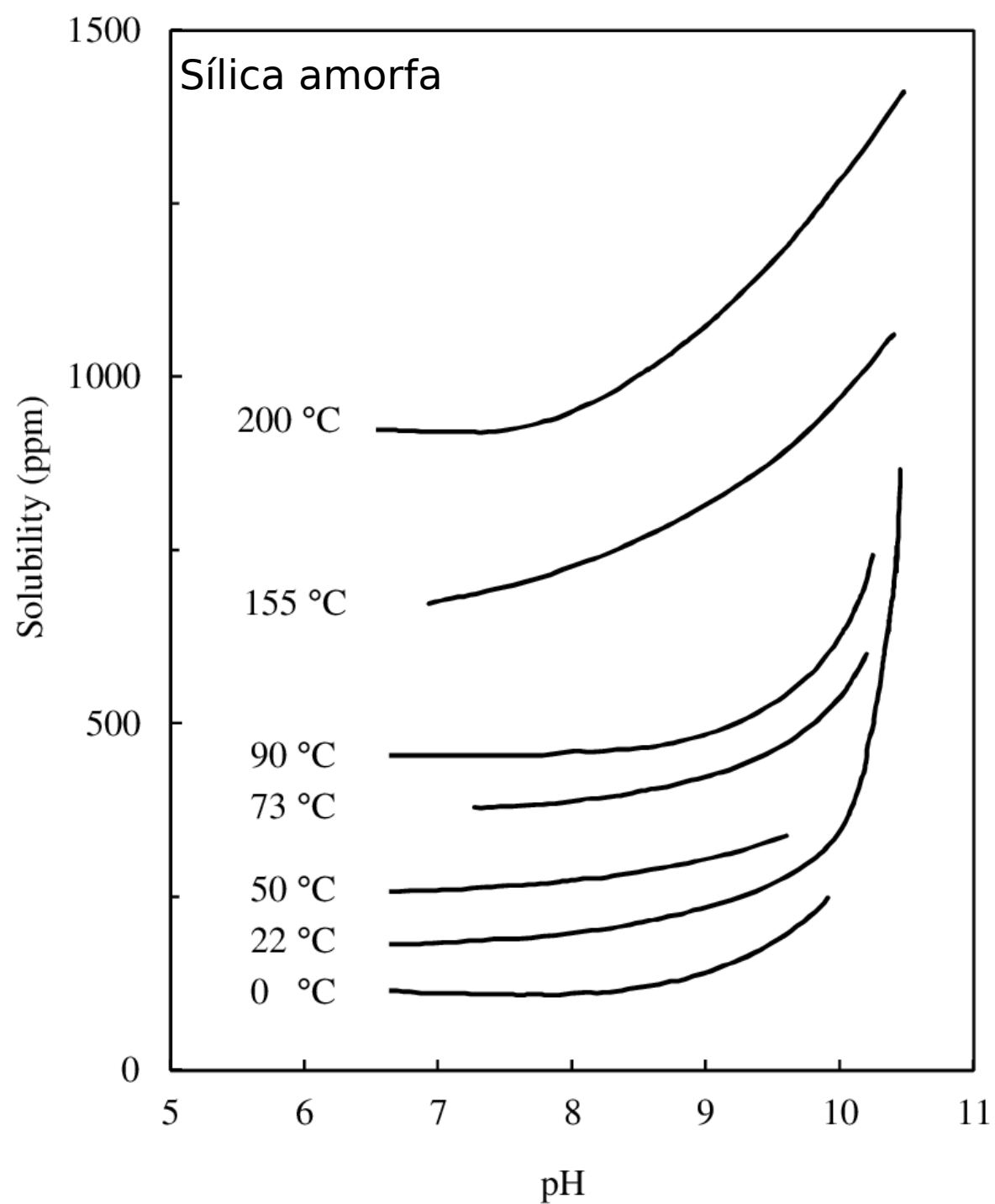
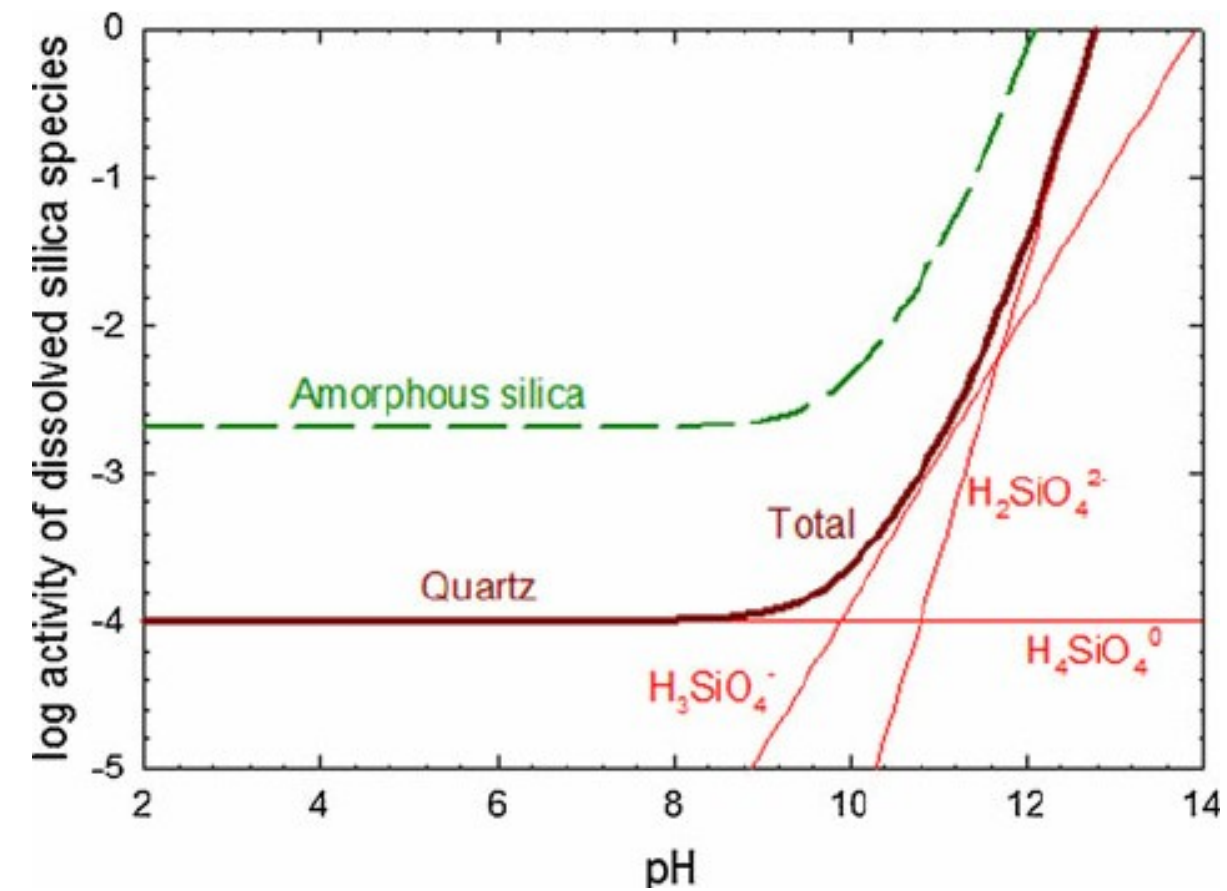


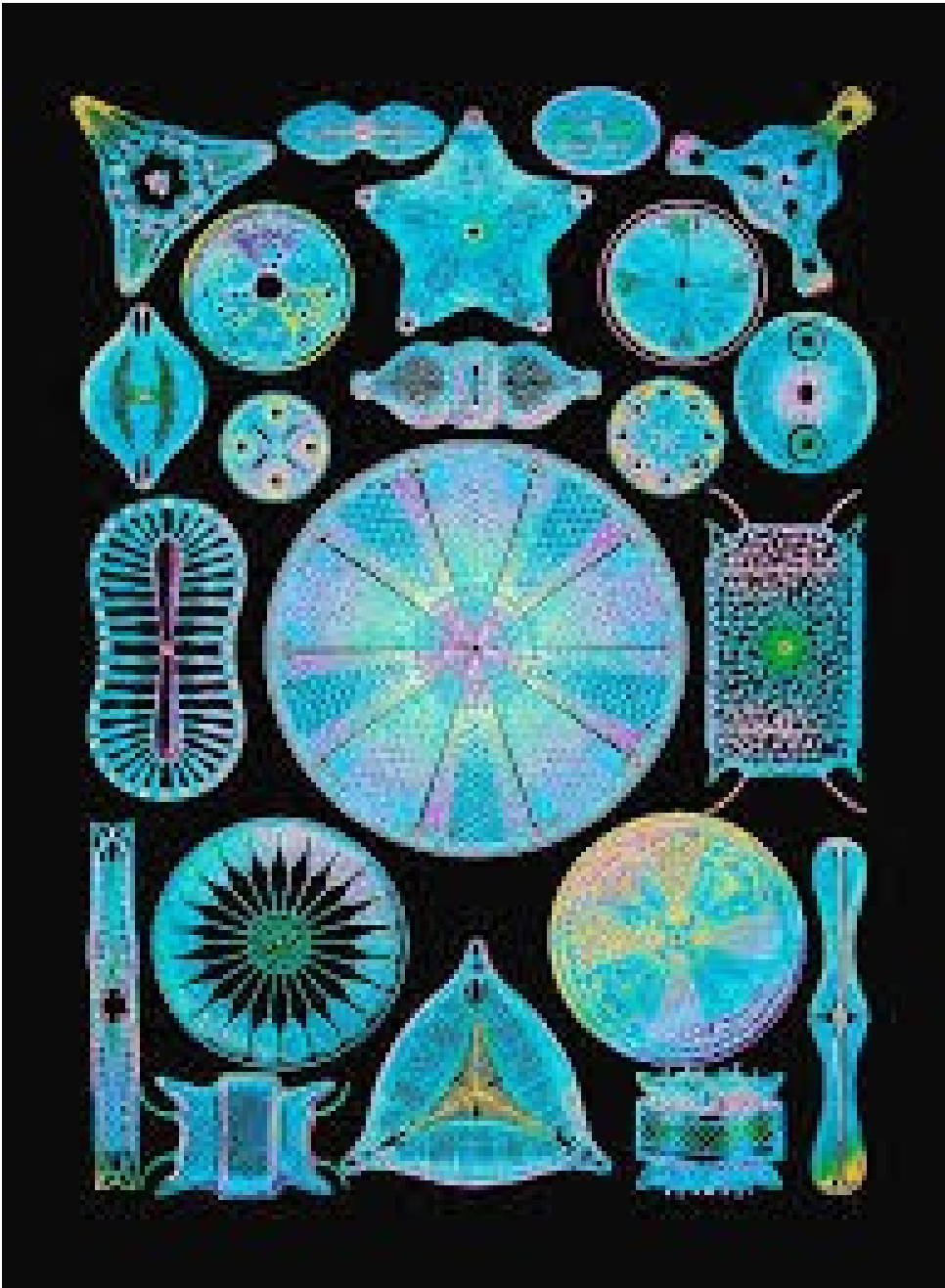
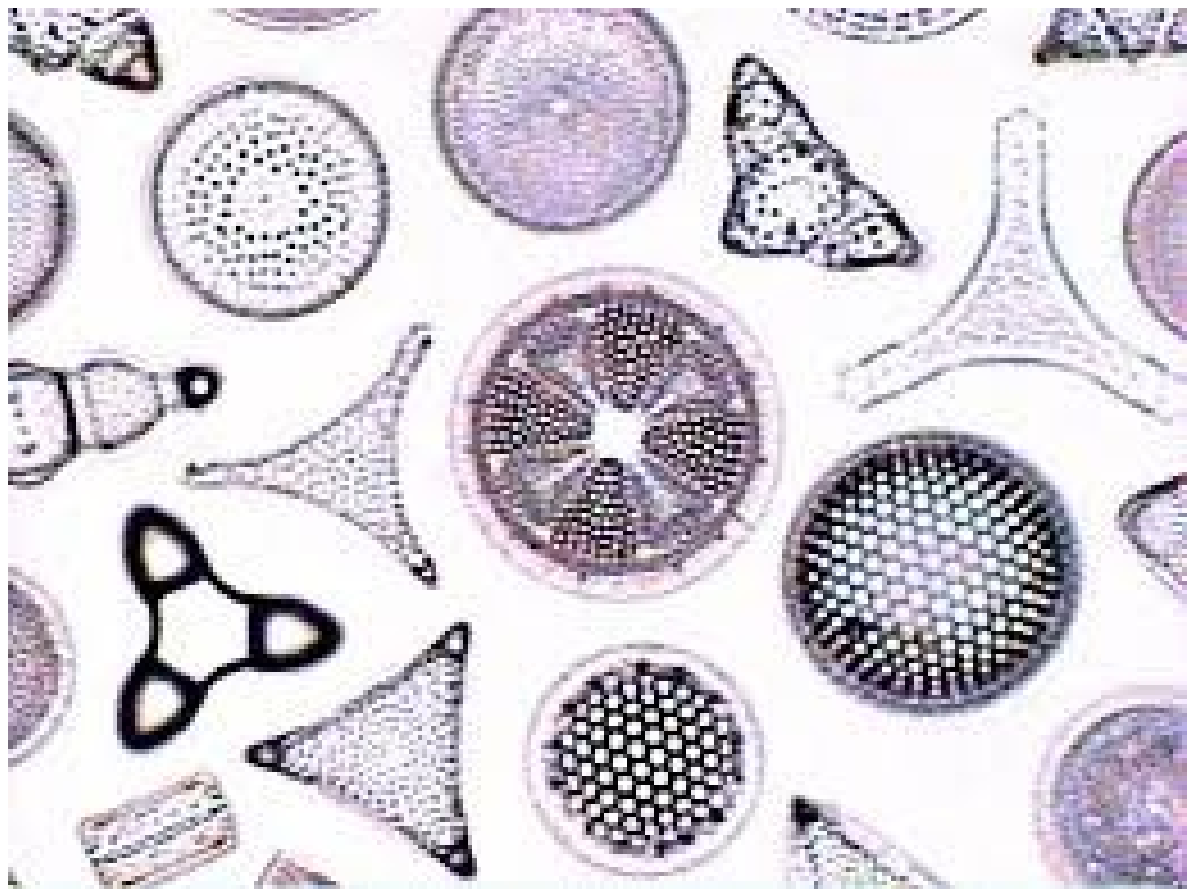
Ilita

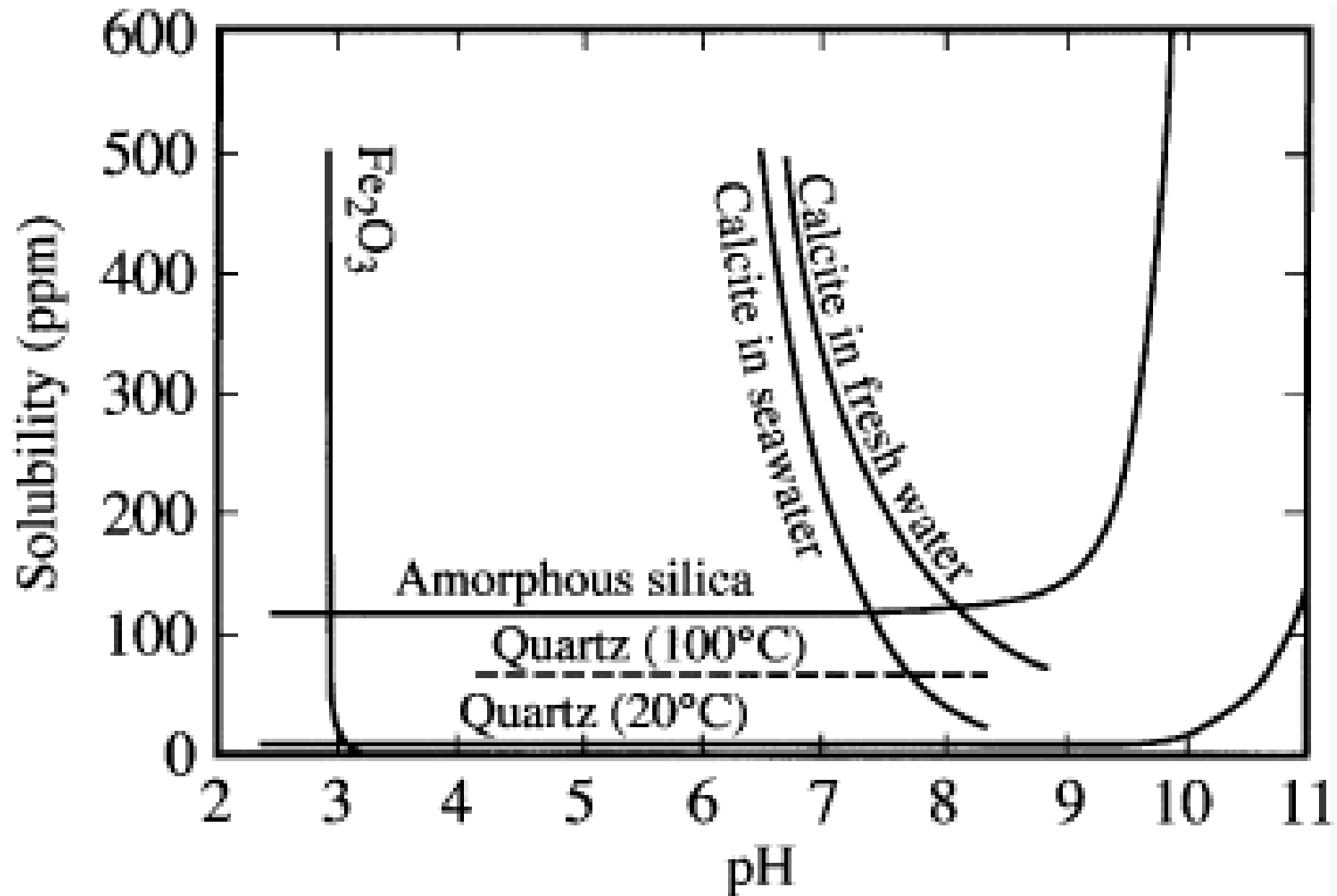


Clorita (Clinocloro-Chamosita)



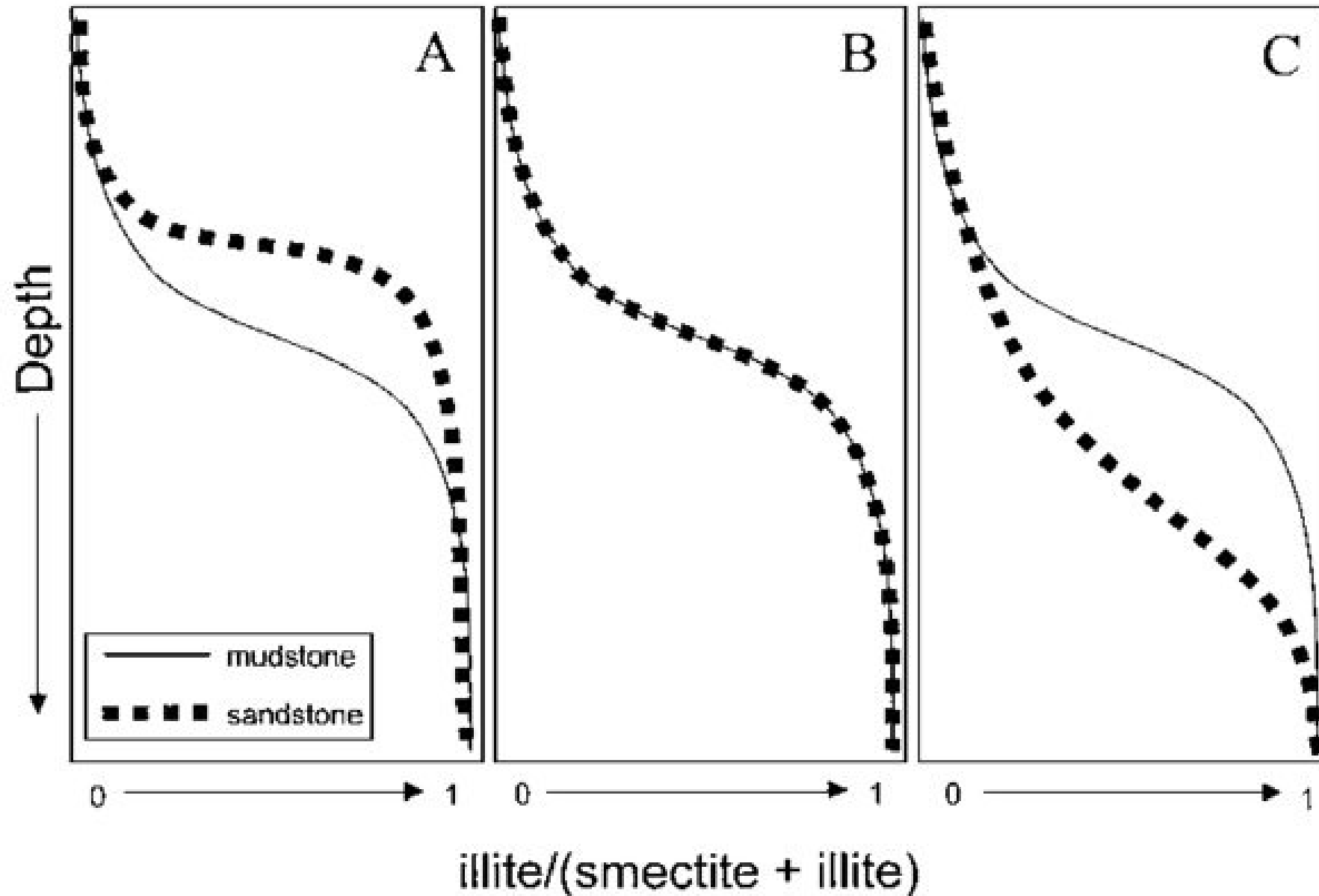




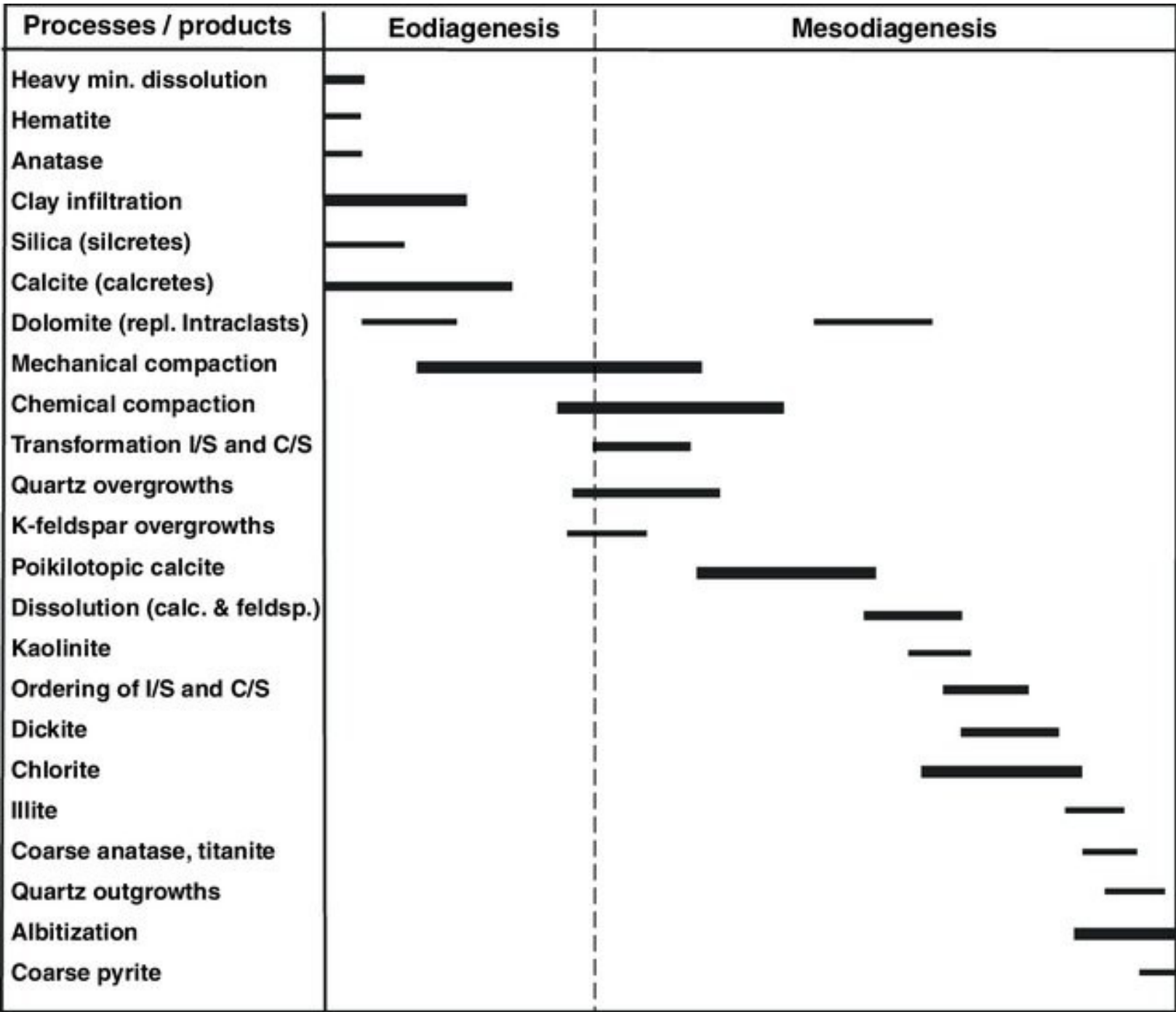


Higher ϕ -k in sst than mdst
Focussed hydrothermal in sst
Higher K-content in (arkosic) sst than mdst

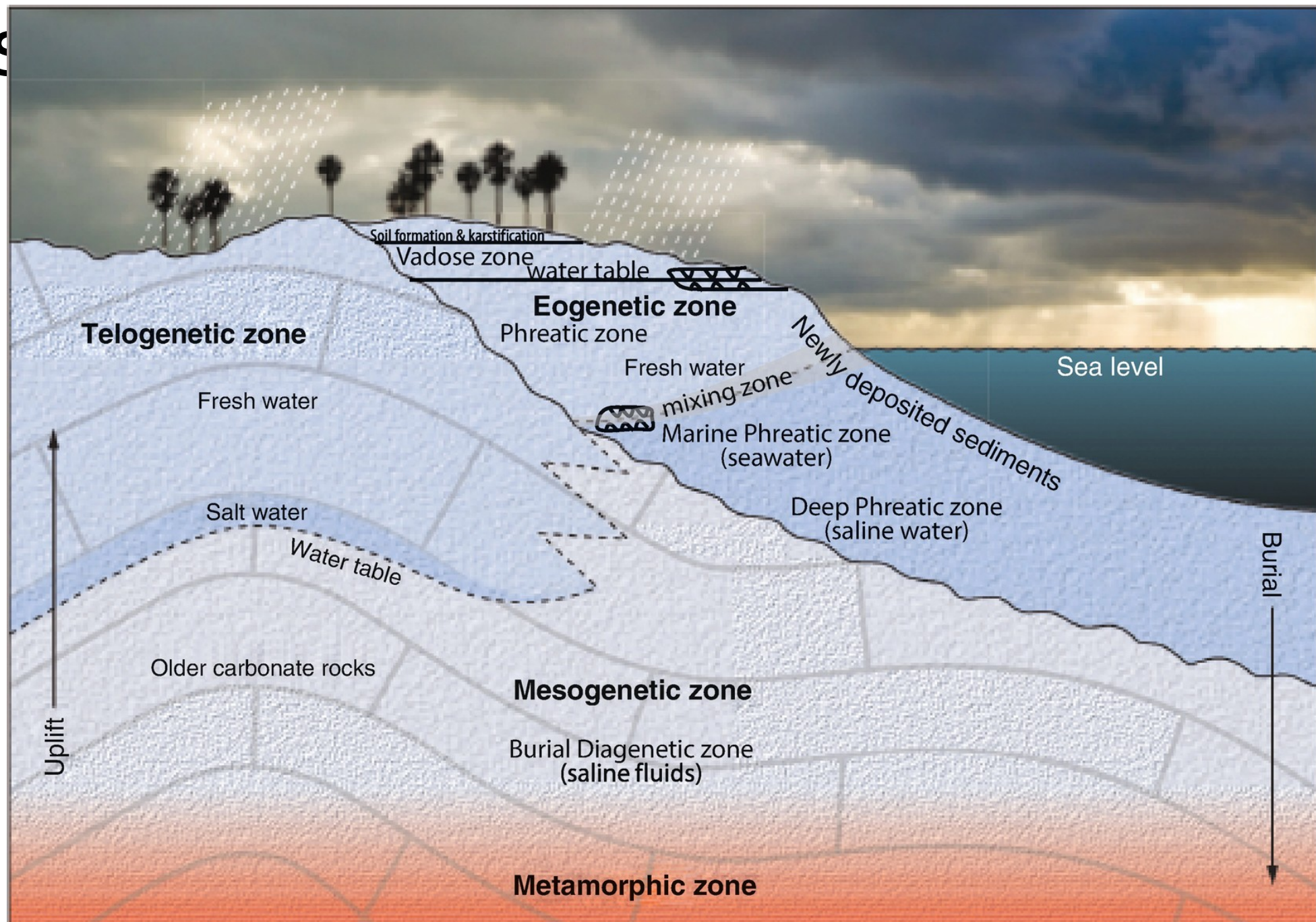
Authigenic smectite in sst more stable
than detrital smectite in mdst
Lower K-content in (qtz arenite) sst than mdst



Reservatórios fluvio-eólicos
da bacia do Recôncavo



Diagênesis



Eodiagênese

