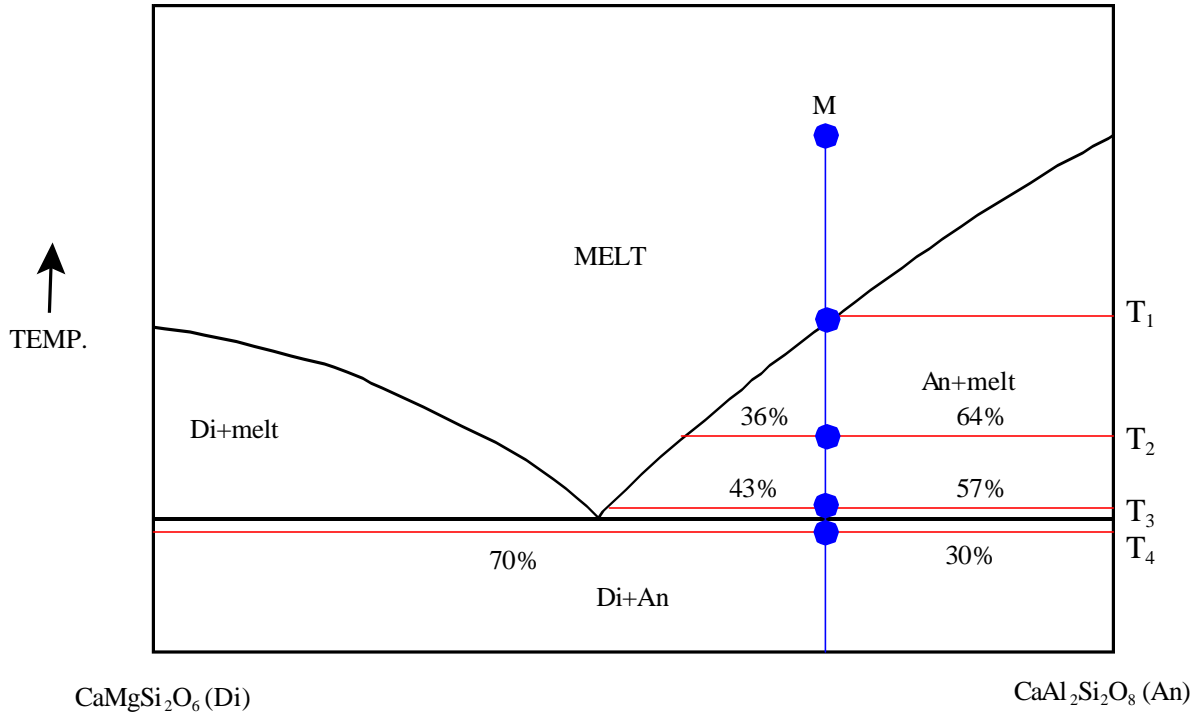
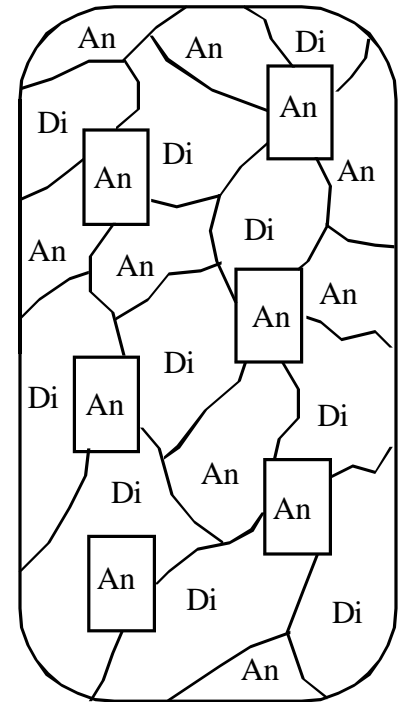


Binary Eutectic Phase Diagram



Equilibrium crystallization of composition M



43% phenocrysts of An
57% anhedronal groundmass
(53% Di + 47% An)

Check:
43% An +
57% An * (0.47)
= 69% An

Temp.	Vol. % Melt Phase	Melt Composition	Vol.% Solid	Solid Composition
T ₁	100	70% An + 30% Di	0	N/A
T ₂	64	53% An + 47% Di	36	An
T ₃	57	47% An + 53% Di	43	An
T ₄	0	N/A	100	70% An + 30% Di