

Figure 3

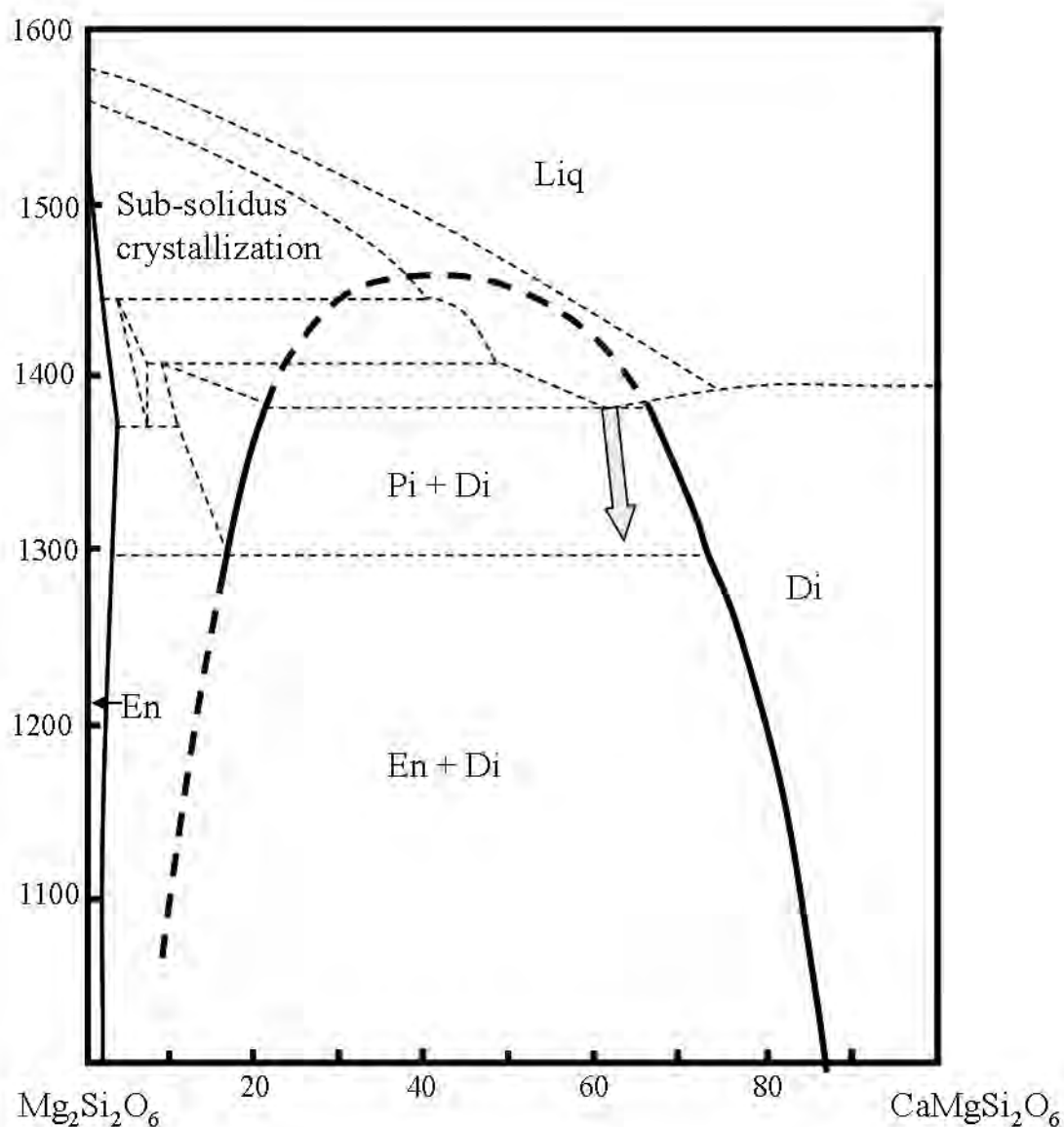


Figure 3: Schematic $\text{Mg}_2\text{Si}_2\text{O}_6$ - $\text{CaMgSi}_2\text{O}_6$ binary phase diagram, adapted from Carlson (1988). Dashed light line indicates the detailed high temperature sub-liquidus sequence of crystallization which leads to the formation of enstatite and diopside. The miscibility gap is indicated by a bold dashed line. Subsolidus exsolution in diopside, highlighted by an arrow, takes place within the miscibility gap, in the two-phase field diopside + pigeonite.