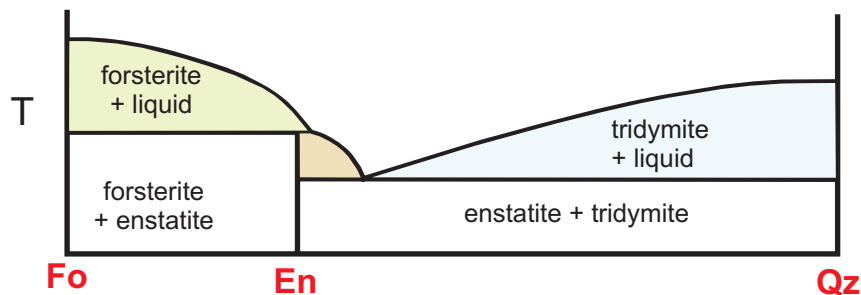
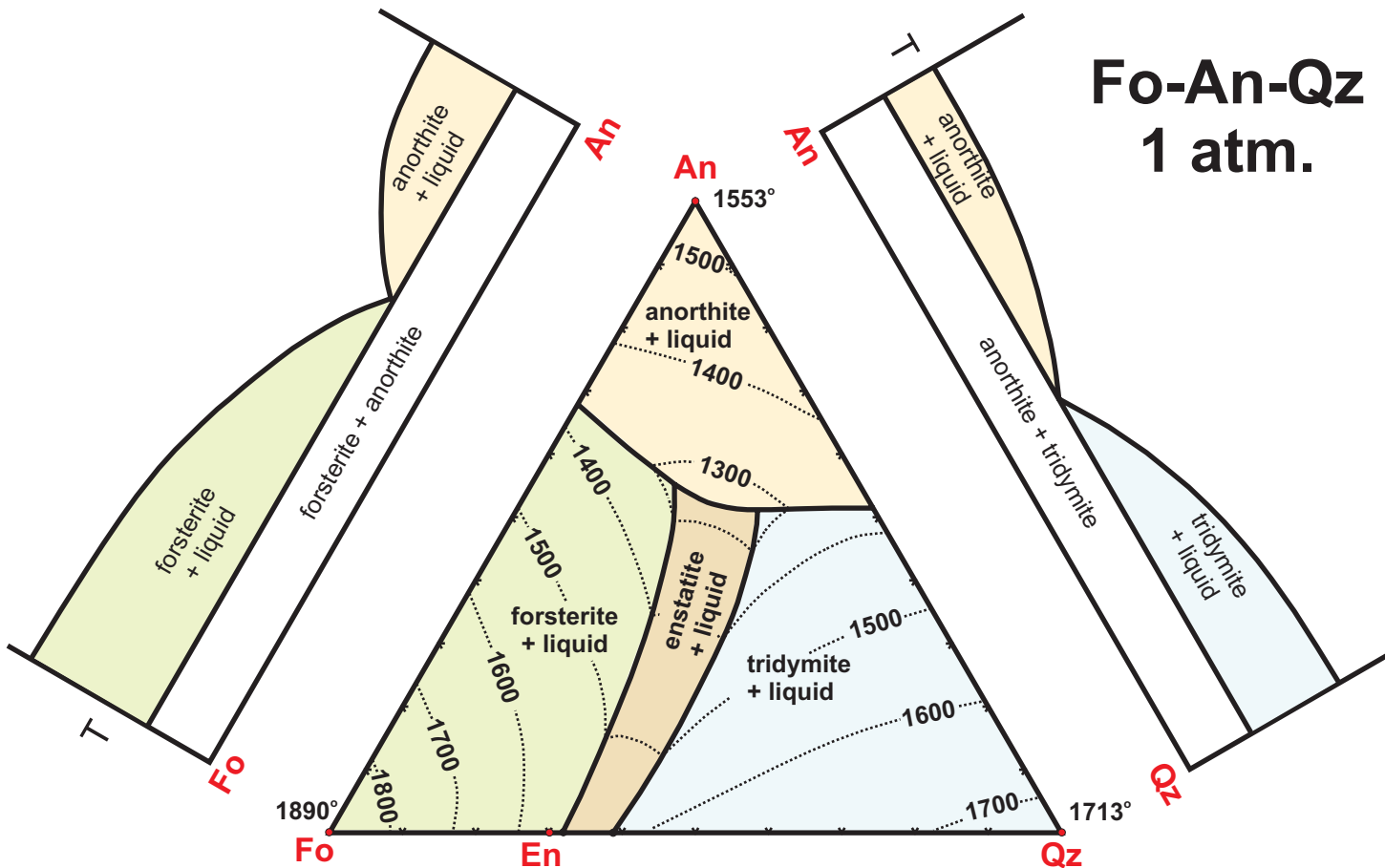
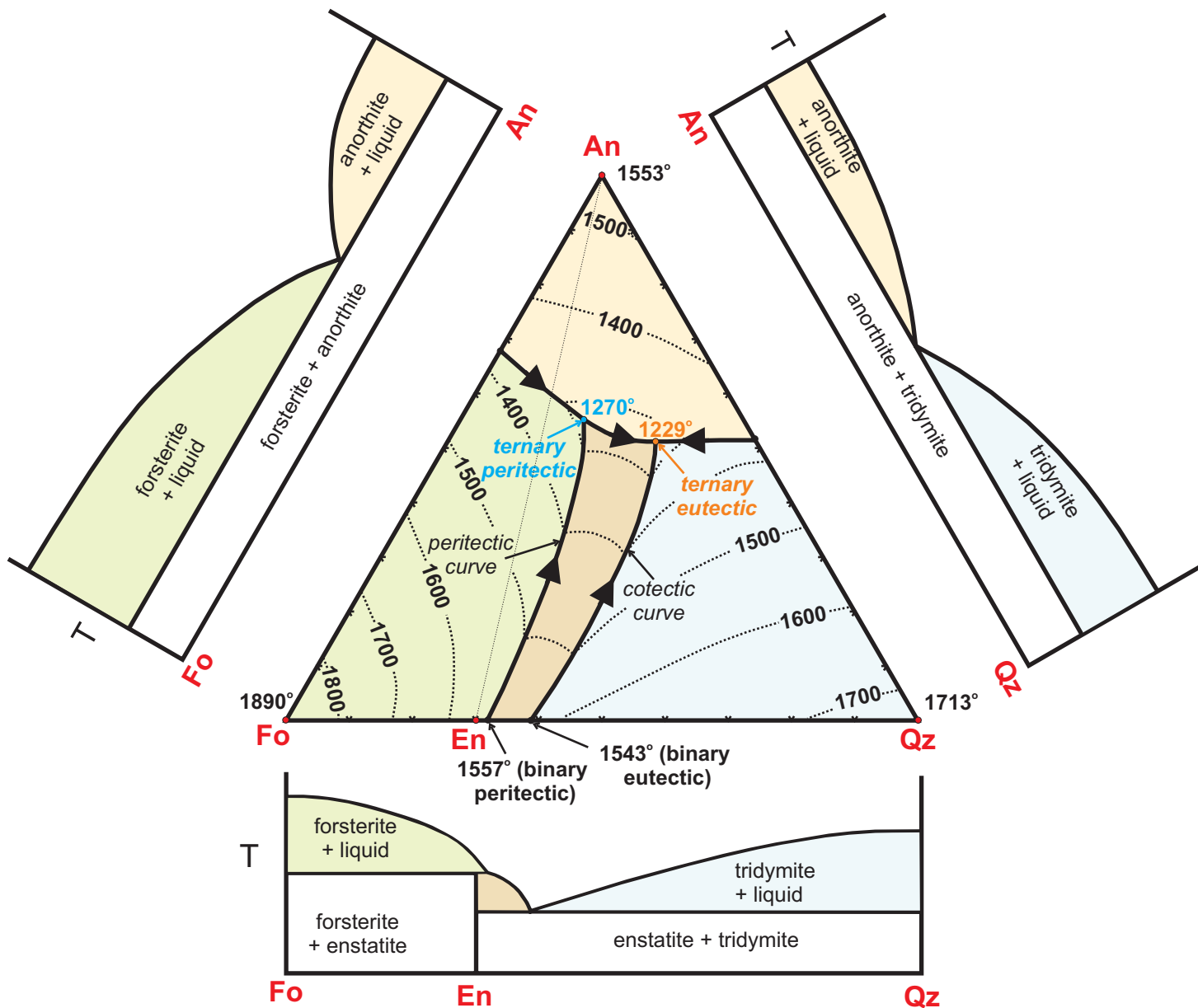


Fo-An-Qz 1 atm.

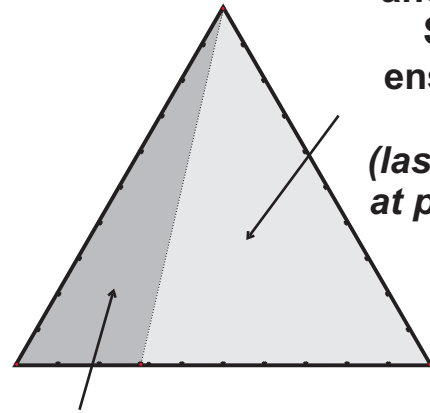




Fo-An-Qz crystallization

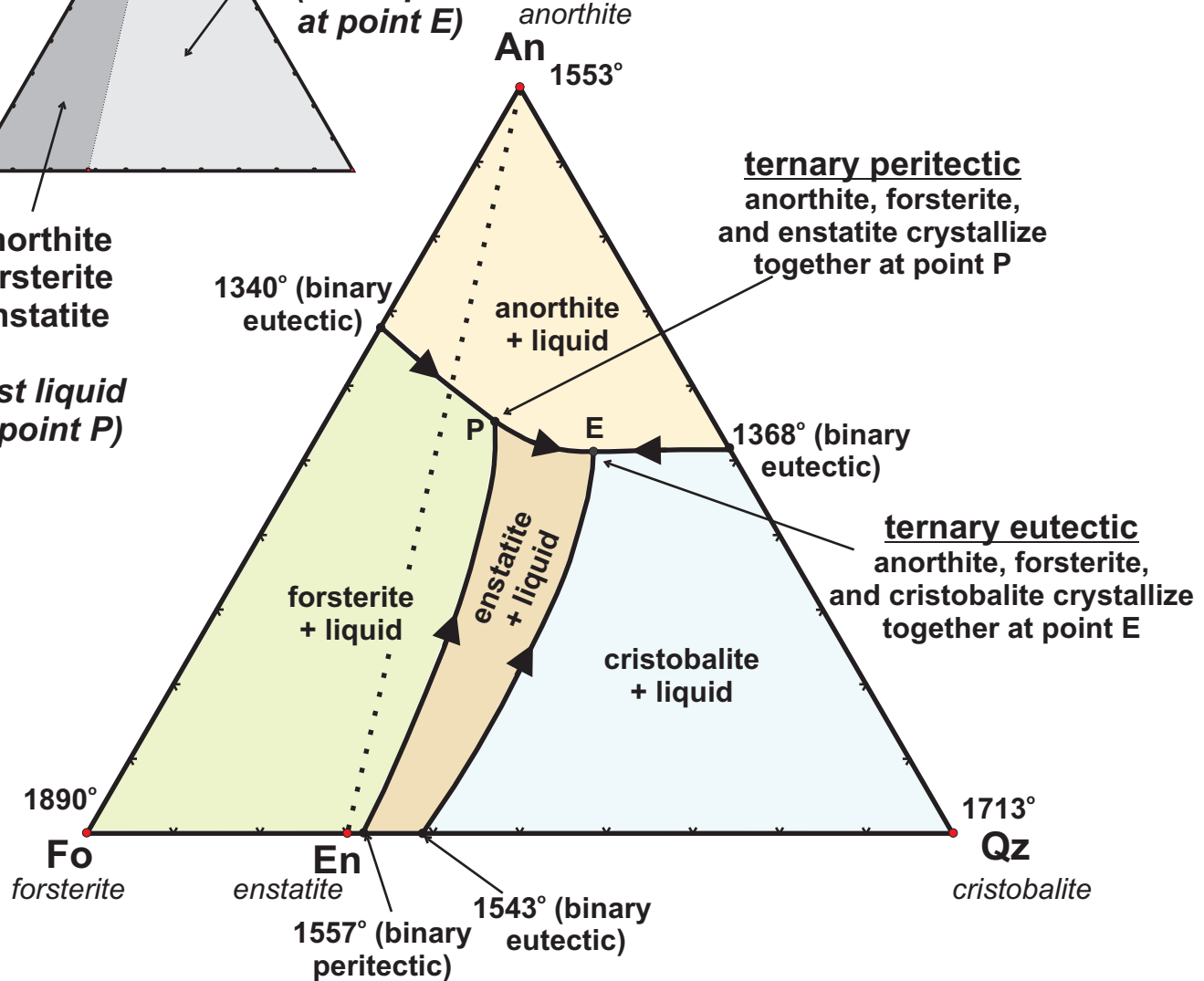
anorthite
 SiO_2
enstatite

*(last liquid
at point E)*



anorthite
forsterite
enstatite

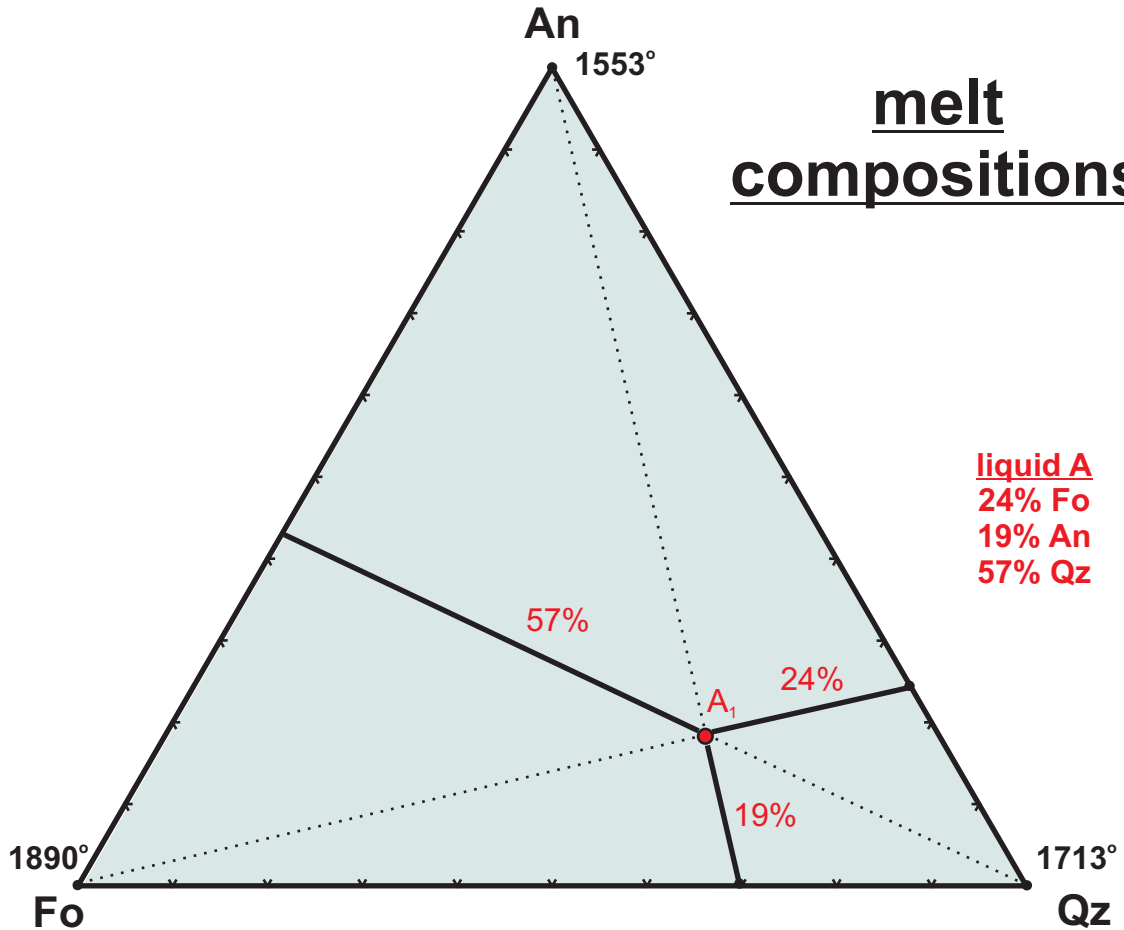
*(last liquid
at point P)*



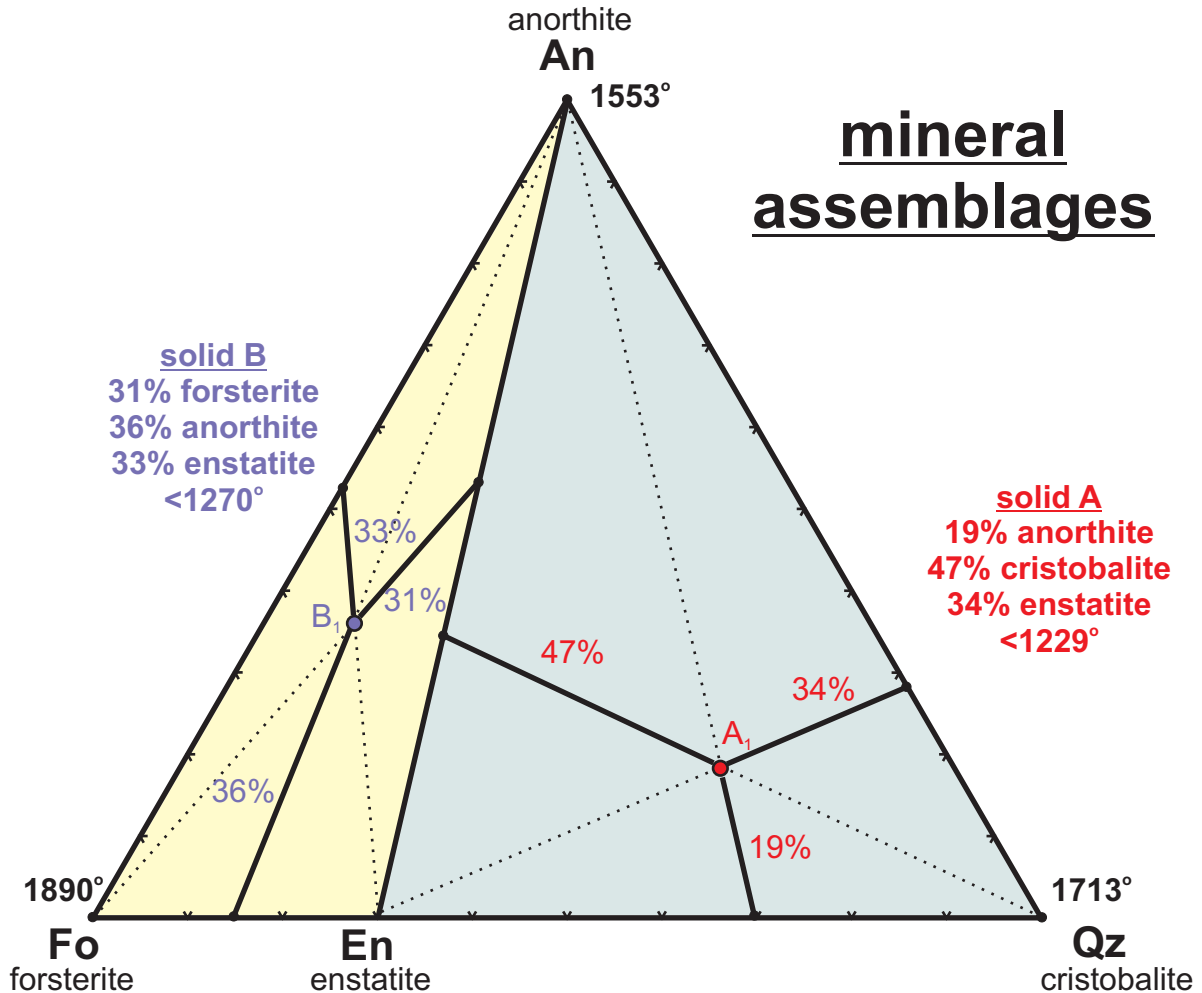
ternary peritectic
anorthite, forsterite,
and enstatite crystallize
together at point P

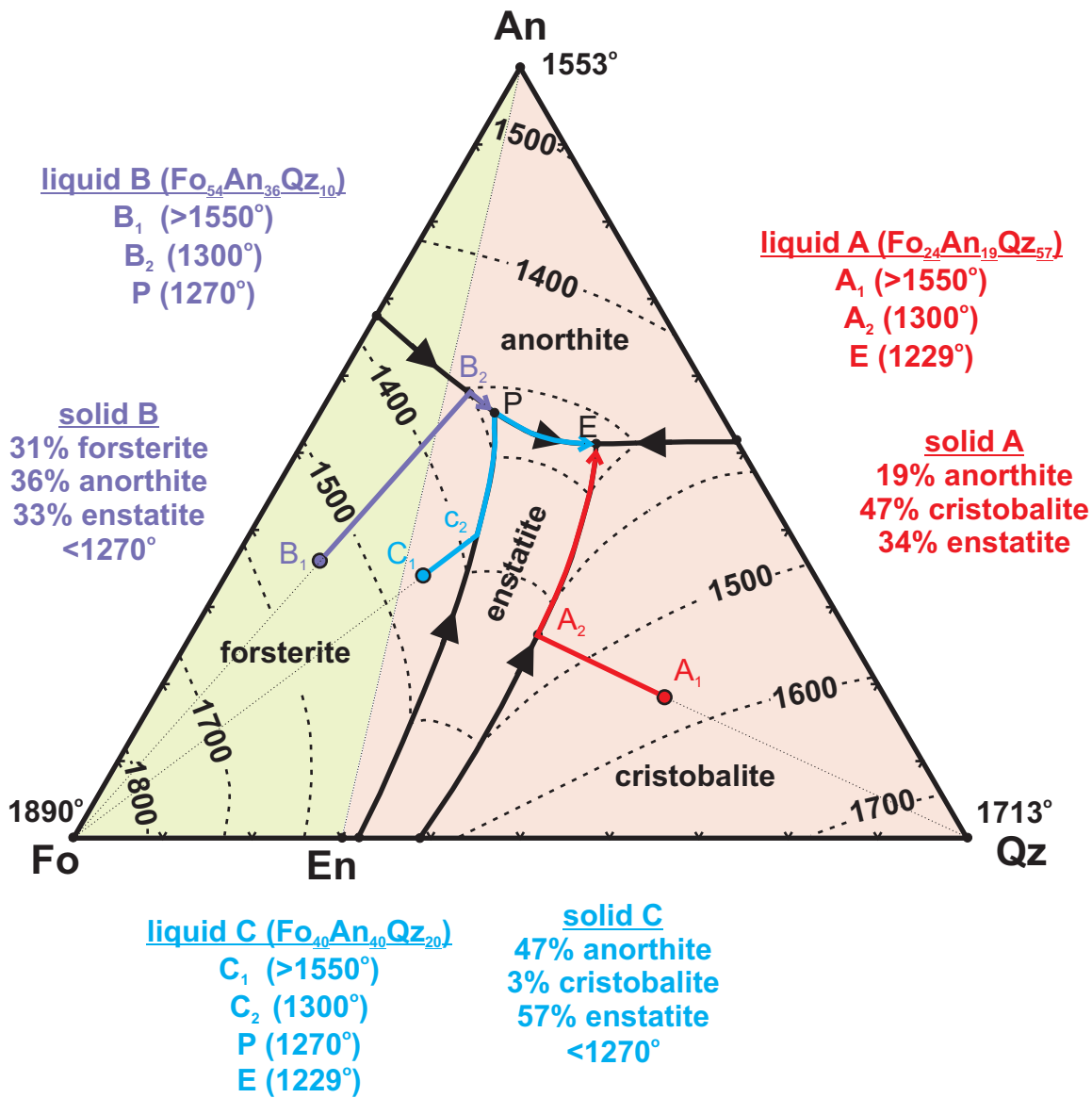
ternary eutectic
anorthite, forsterite,
and cristobalite crystallize
together at point E

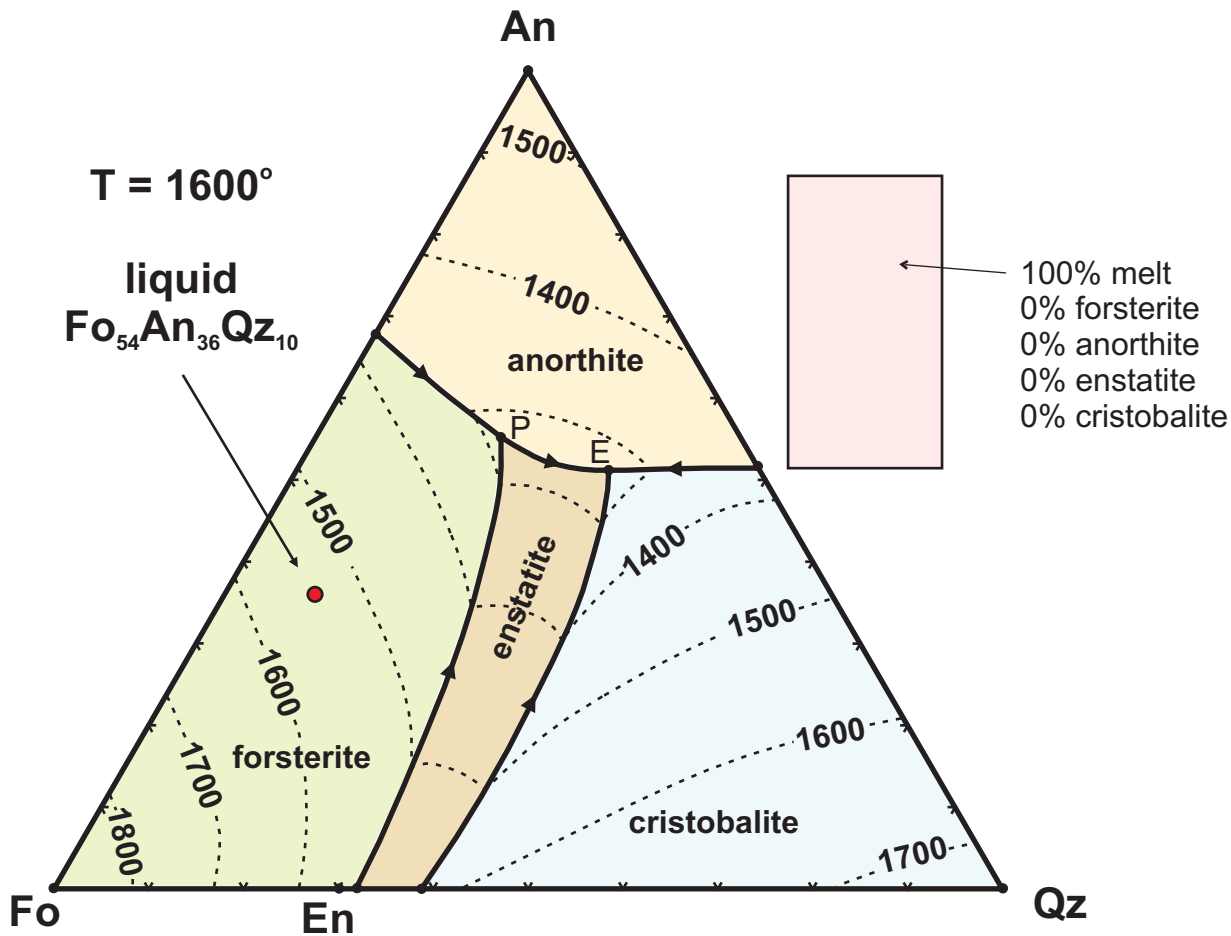
melt compositions



mineral assemblages







An

$T = 1550^{\circ}$

liquid
 $\text{Fo}_{54}\text{An}_{36}\text{Qz}_{10}$

1500

1400

anorthite

enstatite

1400

1500

1500

1600

forsterite

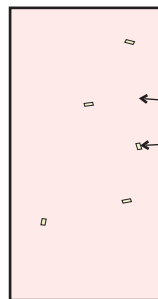
1700

1800

Fo

En

Qz



99% melt
1% forsterite
0% anorthite
0% enstatite
0% cristobalite

