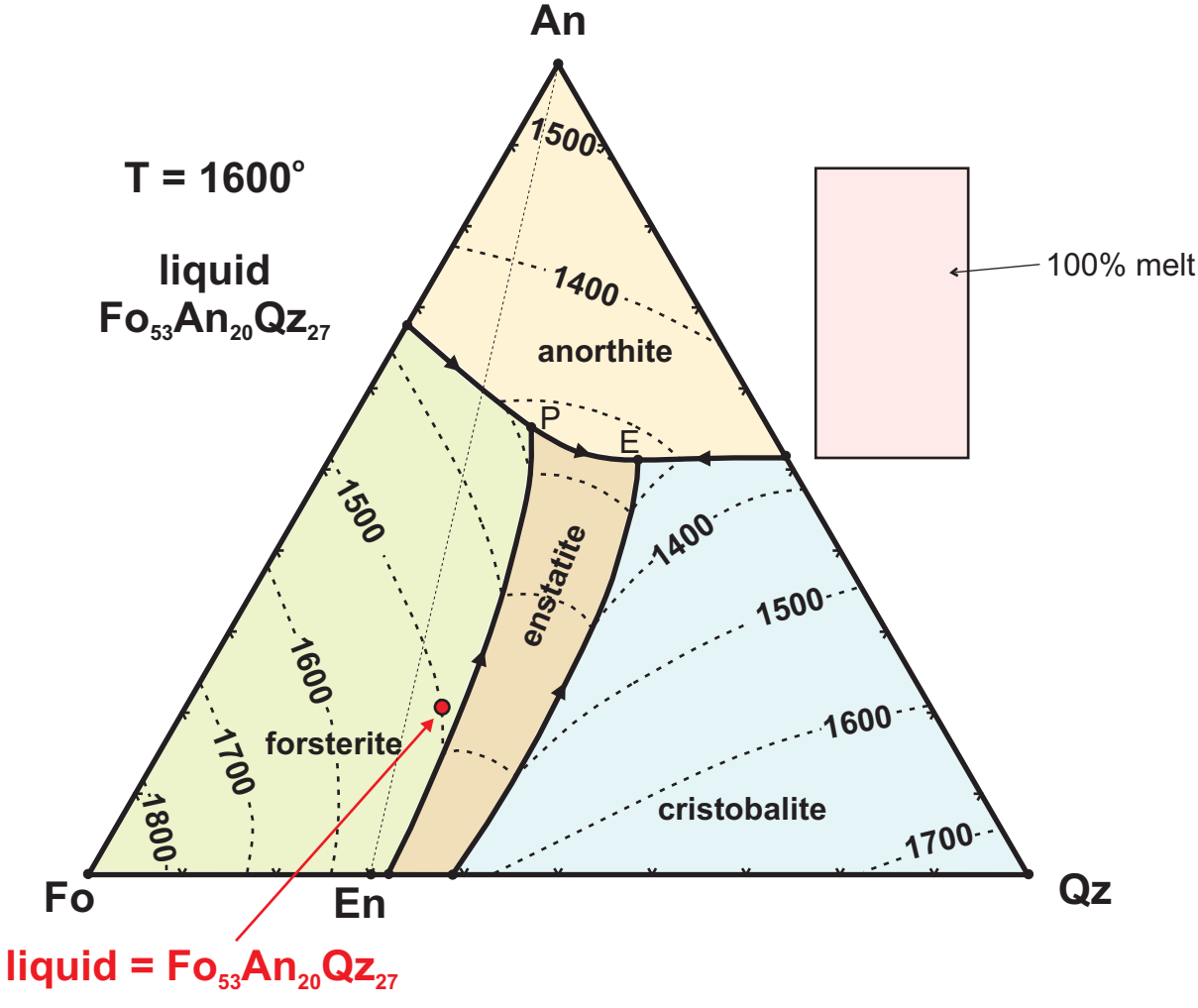
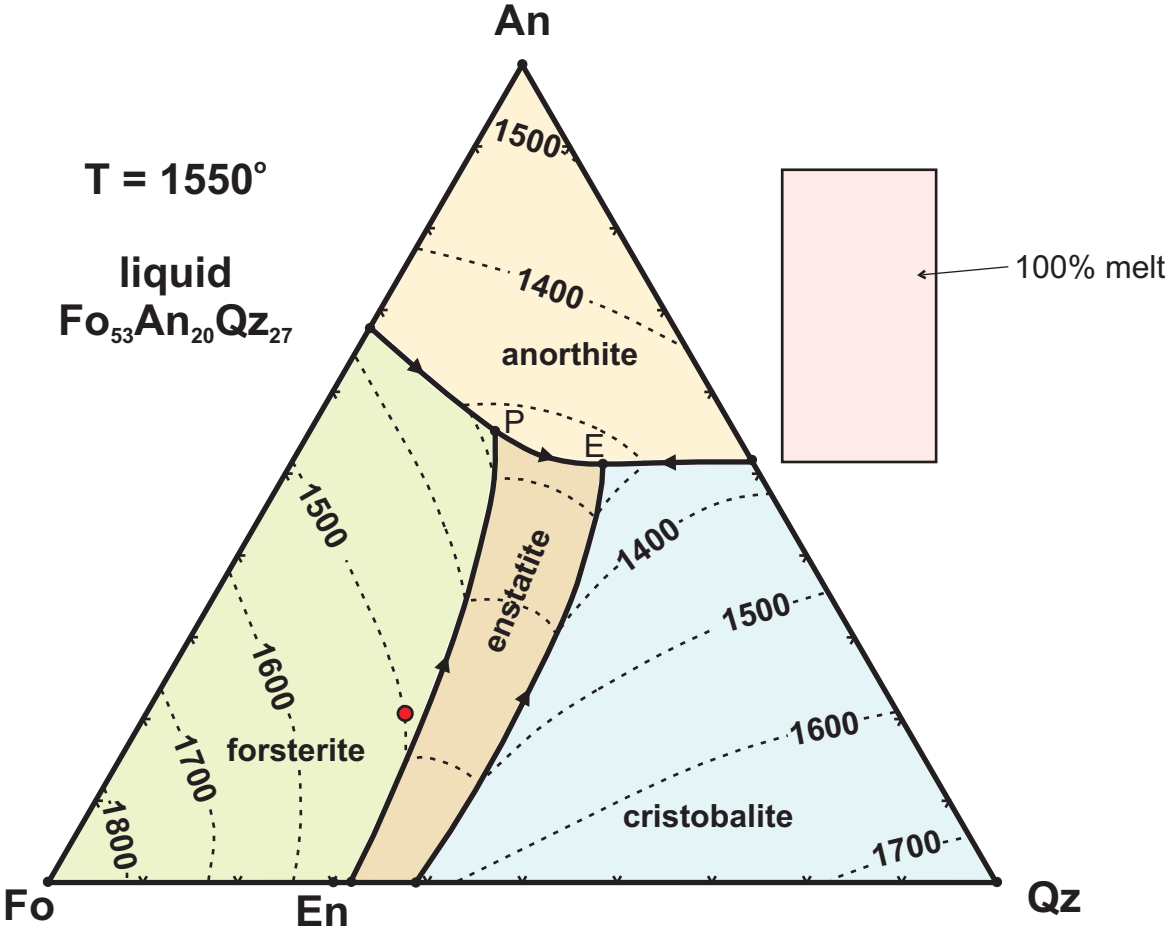
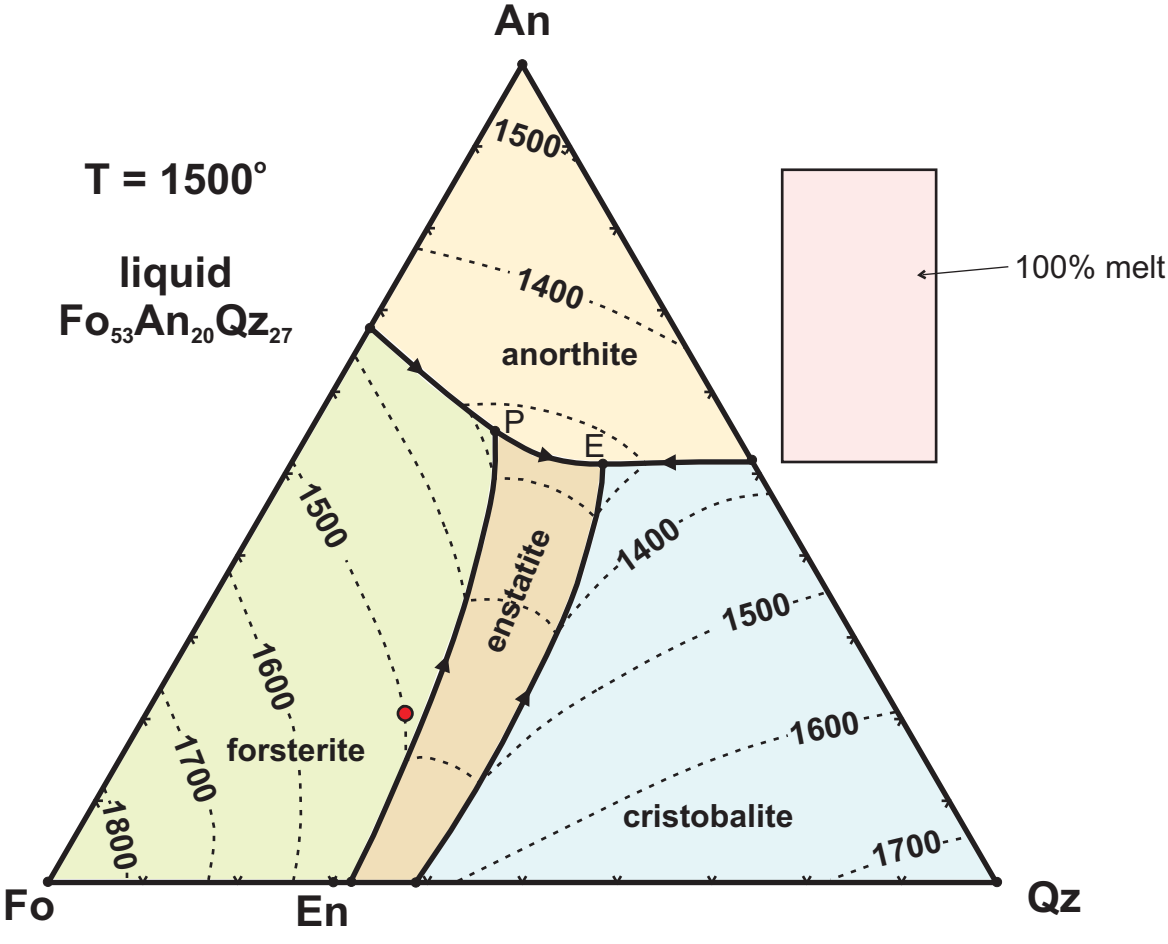
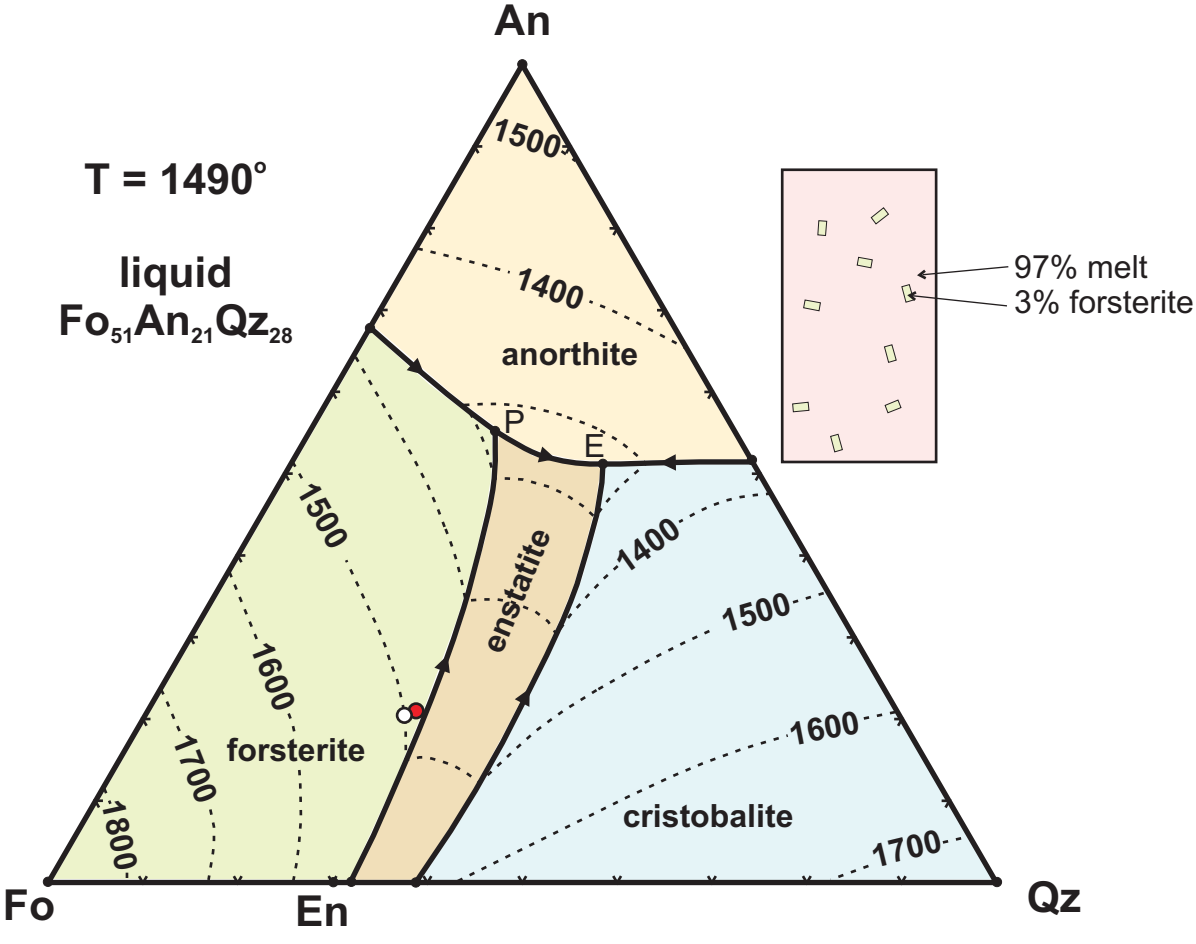
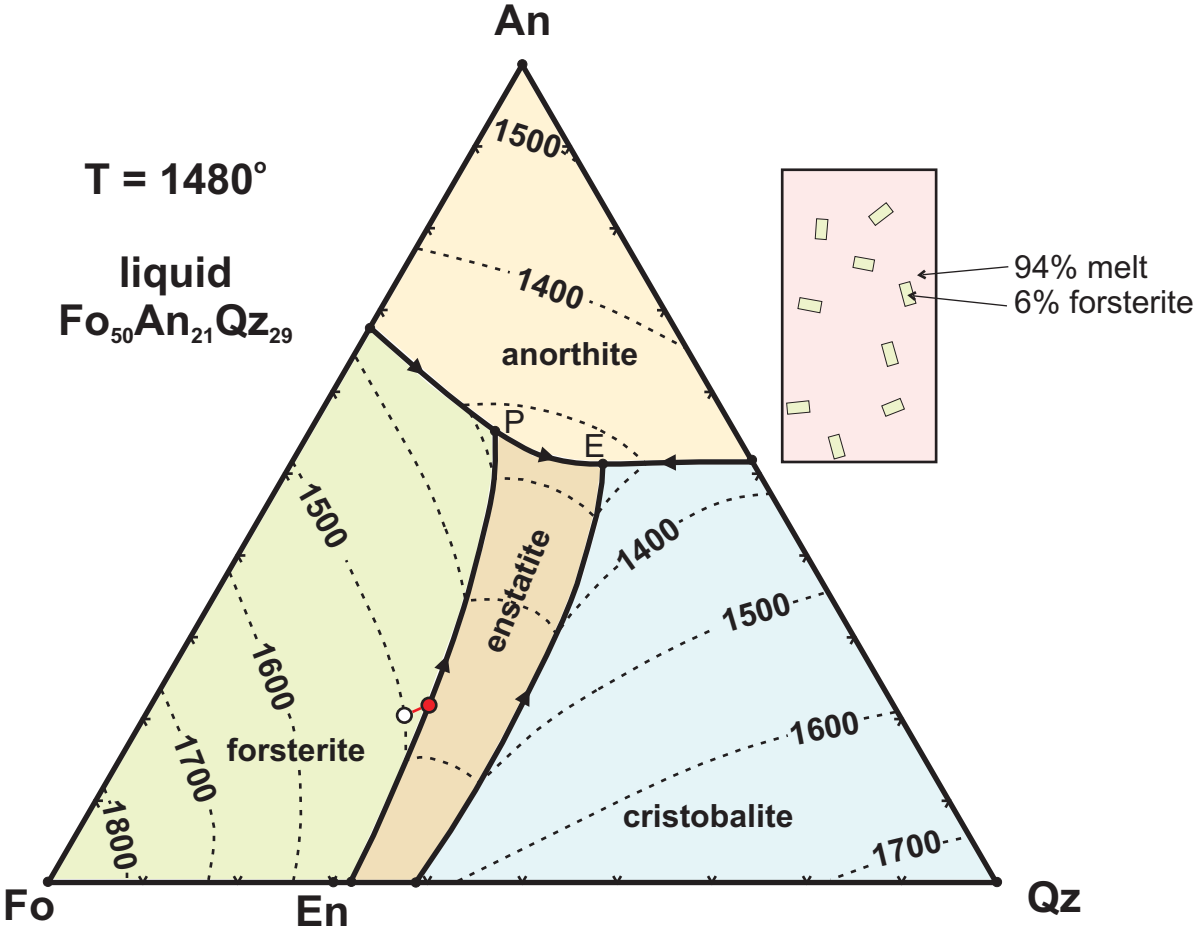
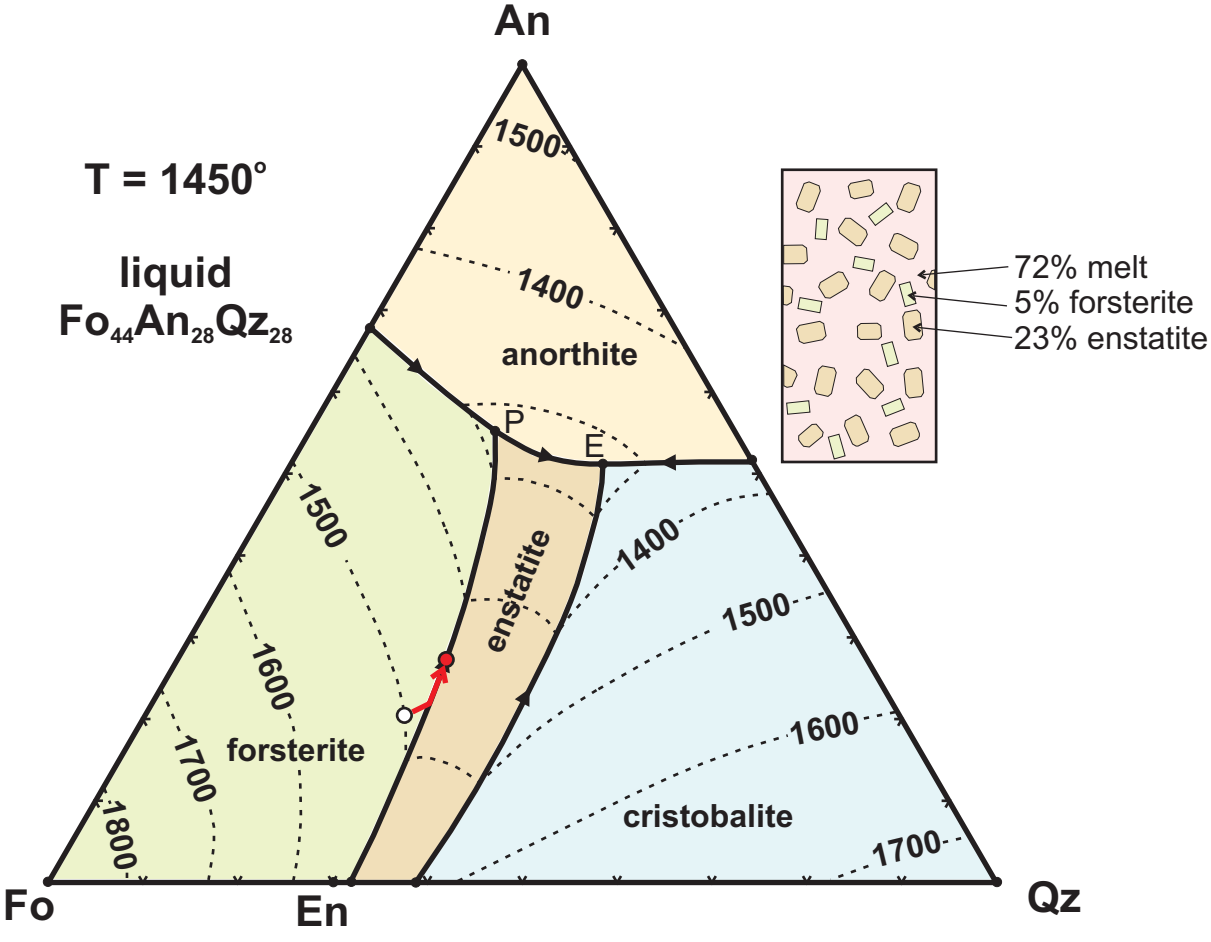

An
T = 1600°
liquid
$Fo_{53}An_{20}Qz_{27}$
1500
1400
anorthite
100% melt
P
E
1500
enstatite
1400
1500
1600
1600
forsterite
1700
1700
1800
cristobalite
Fo
En
Qz
liquid = $Fo_{53}An_{20}Qz_{27}$

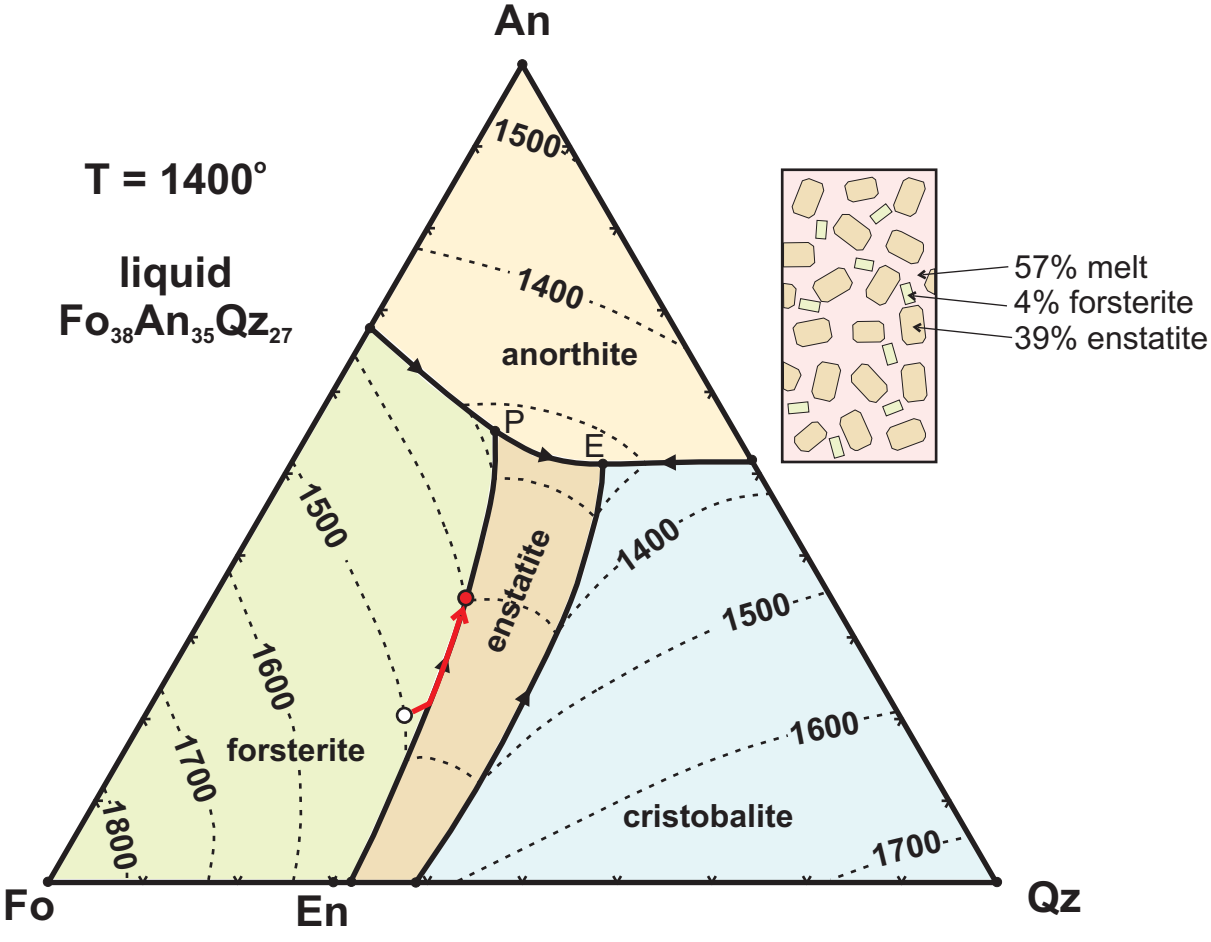

An
T = 1550°
liquid
$Fo_{53}An_{20}Qz_{27}$
1500
1400
anorthite
P
E
100% melt
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
Fo
En
Qz

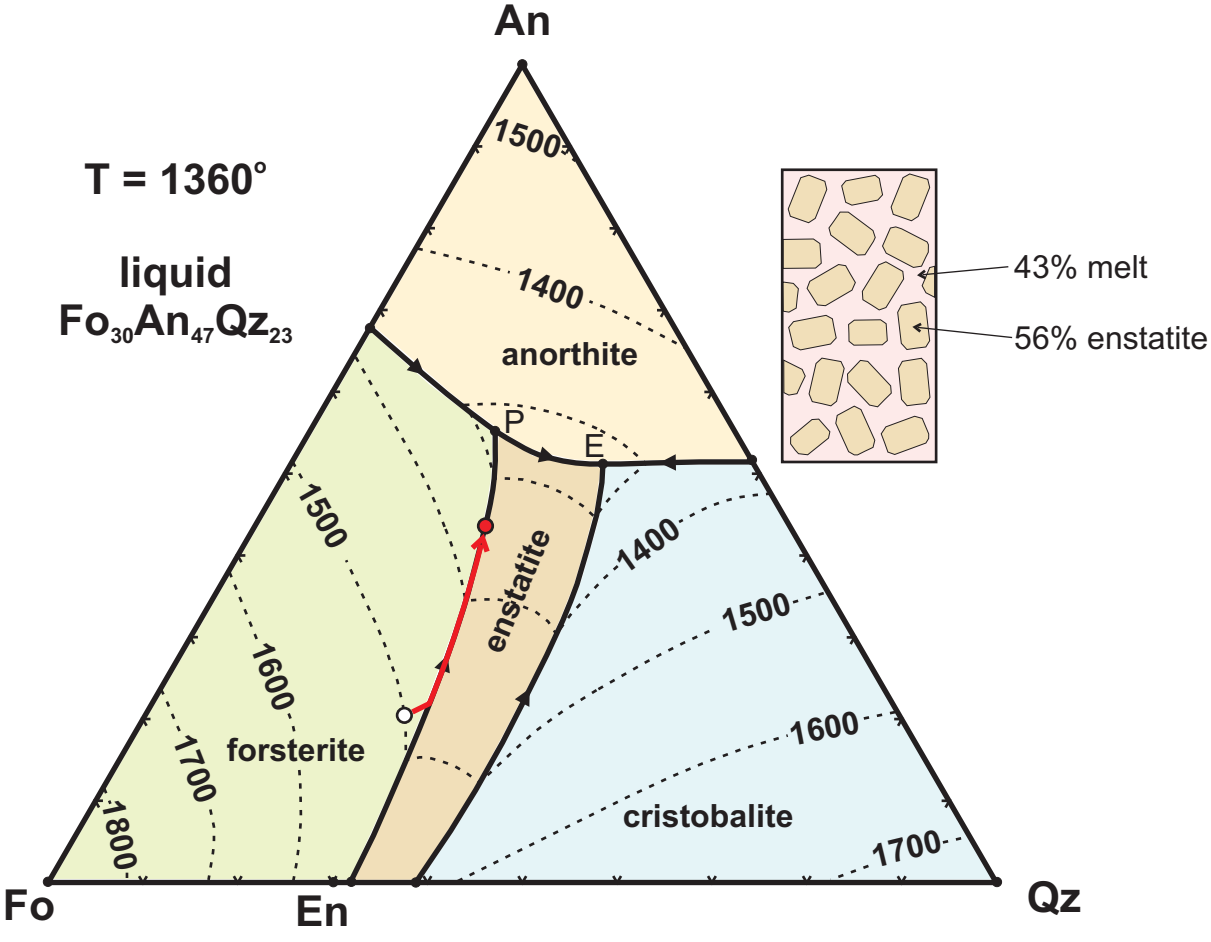

An
T = 1500°
liquid
$Fo_{53}An_{20}Qz_{27}$
1500
1400
anorthite
P
E
100% melt
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
Fo
En
Qz

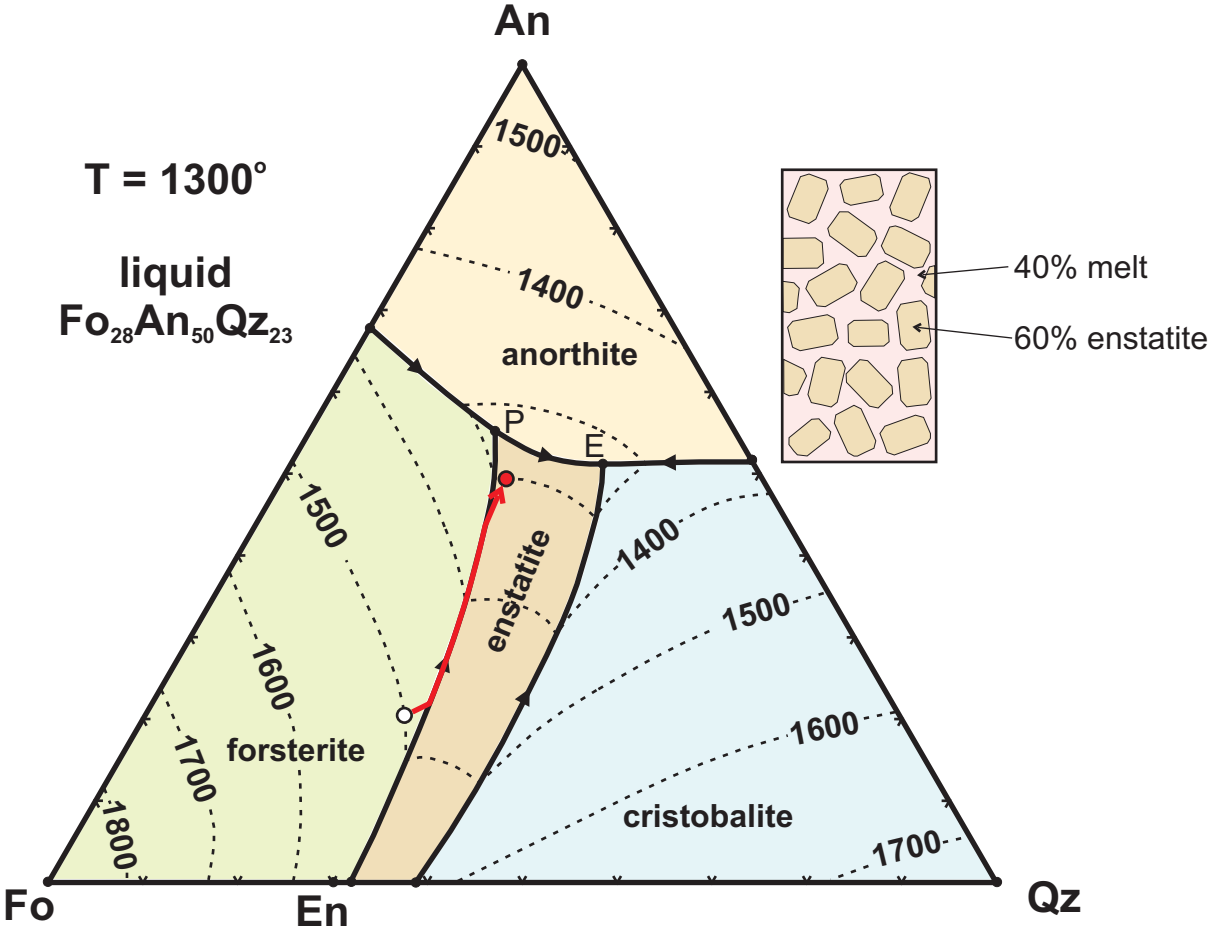

An
T = 1490°
liquid
$Fo_{51}An_{21}Qz_{28}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
97% melt
3% forsterite
Fo
En
Qz

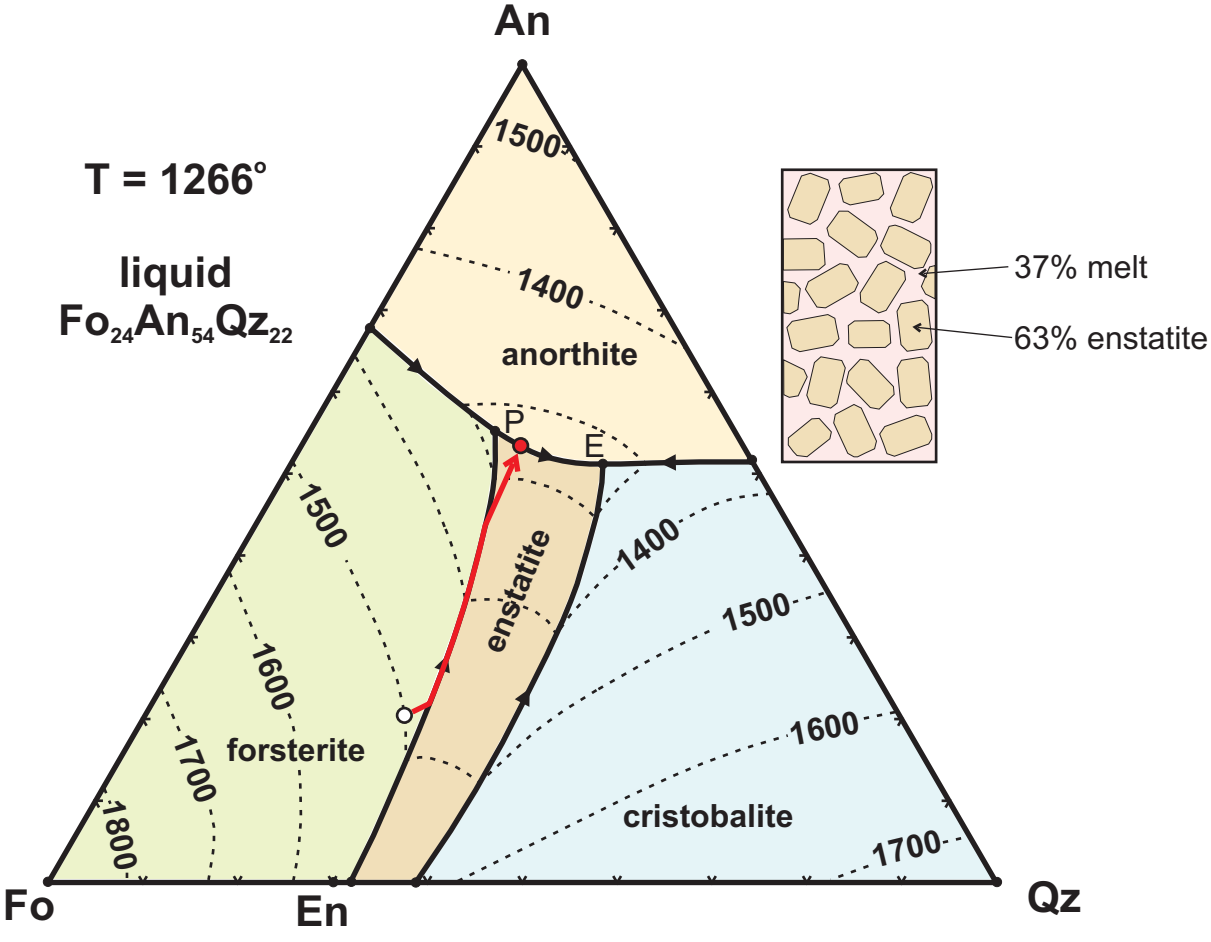

An
T = 1480°
liquid
$Fo_{50}An_{21}Qz_{29}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
94% melt
6% forsterite
Fo
En
Qz

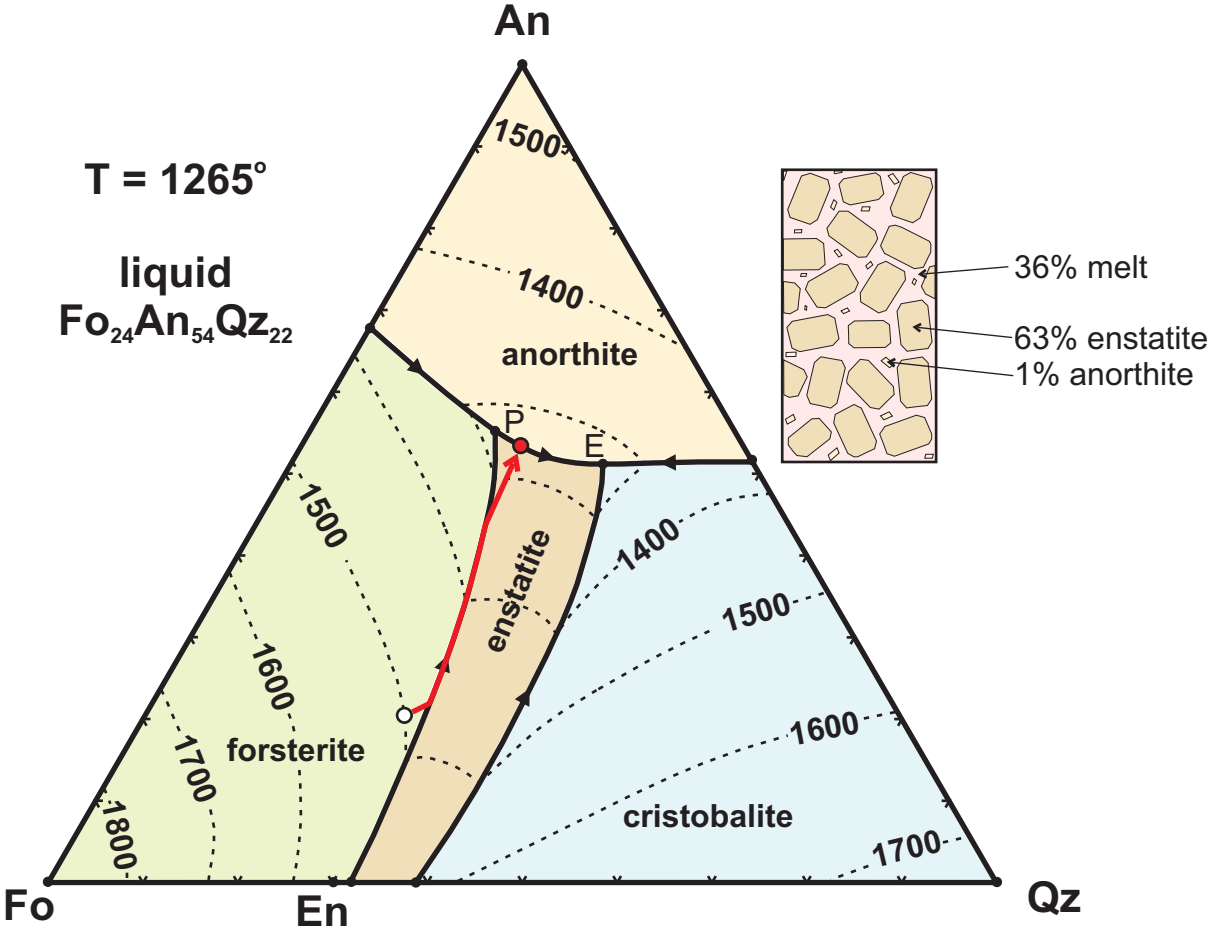

An
T = 1450°
liquid
$Fo_{44}An_{28}Qz_{28}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
Fo
En
Qz
72% melt
5% forsterite
23% enstatite

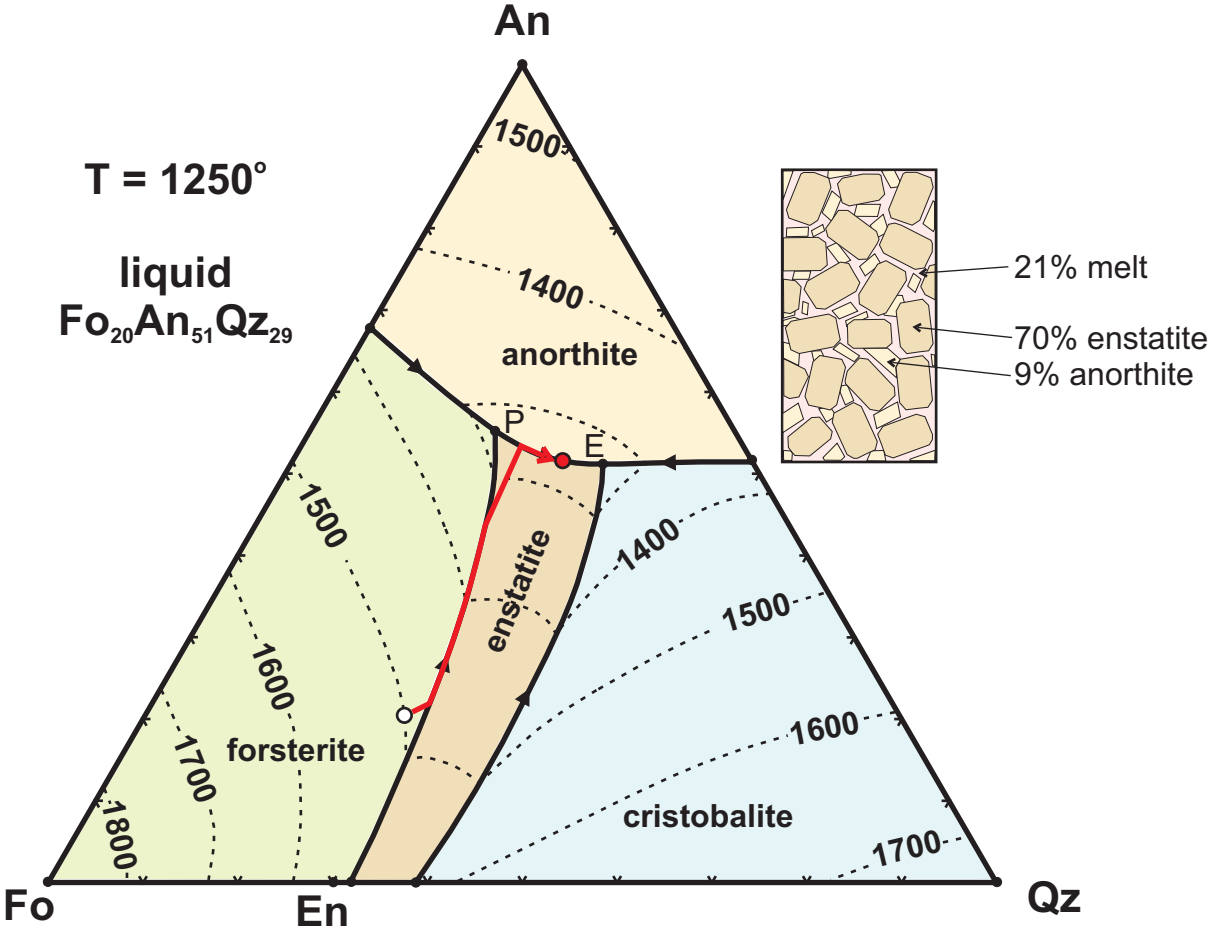

An
T = 1400°
liquid
$Fo_{38}An_{35}Qz_{27}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
Fo
En
Qz
57% melt
4% forsterite
39% enstatite

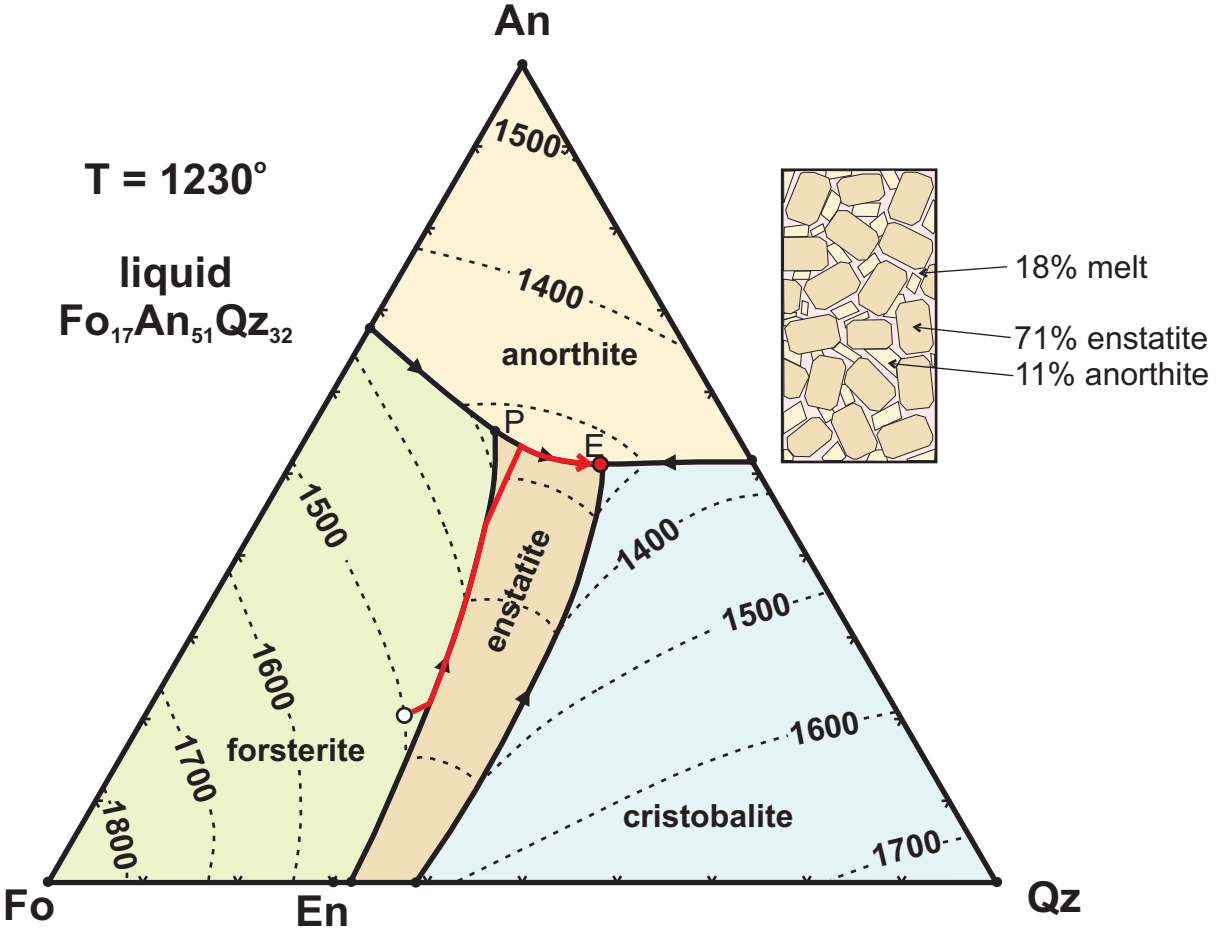

An
T = 1360°
liquid
$Fo_{30}An_{47}Qz_{23}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
43% melt
56% enstatite
Fo
En
Qz

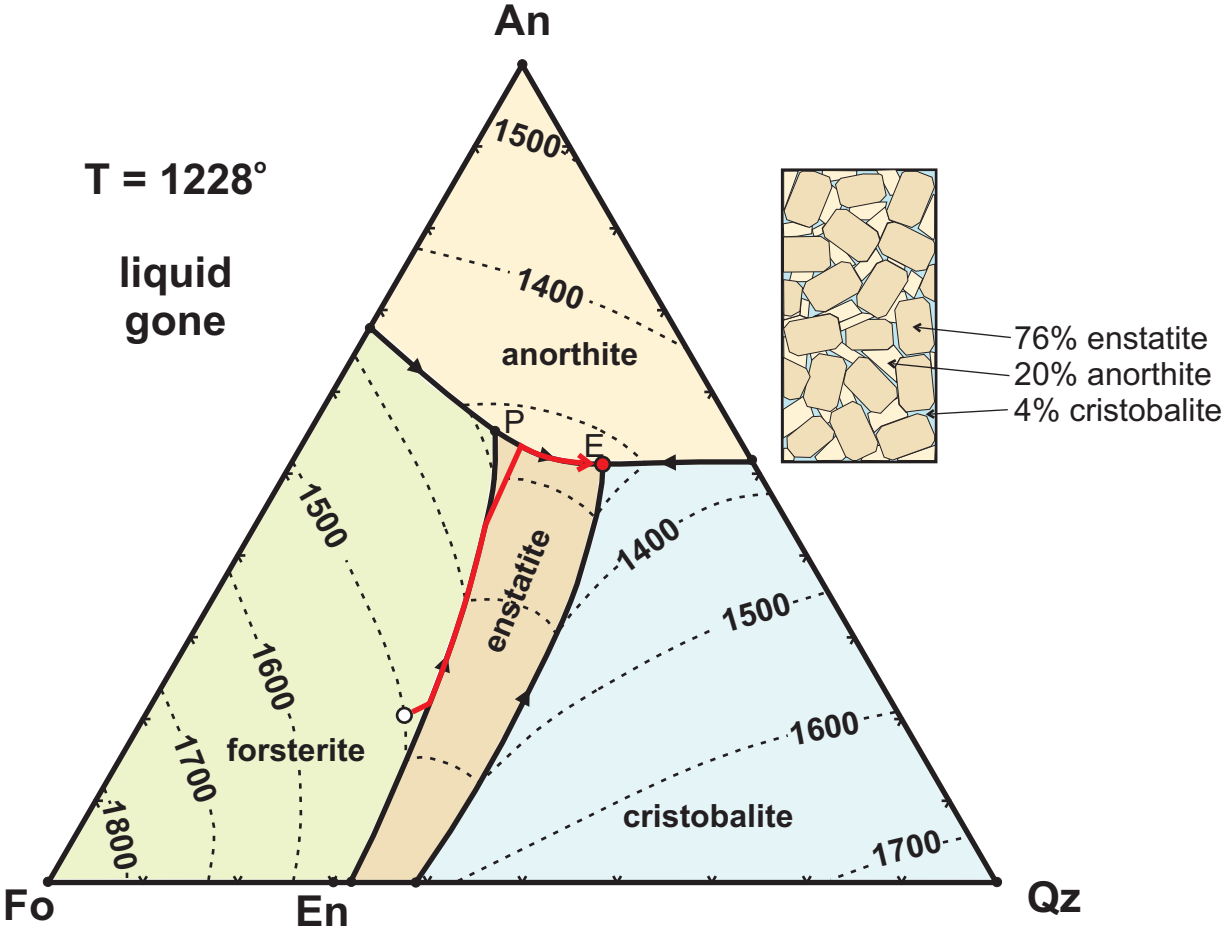

An
T = 1300°
liquid
$Fo_{28}An_{50}Qz_{23}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
40% melt
60% enstatite
Fo
En
Qz


An
T = 1266°
liquid
$Fo_{24}An_{54}Qz_{22}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
37% melt
63% enstatite
Fo
En
Qz


An
T = 1265°
liquid
$Fo_{24}An_{54}Qz_{22}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
36% melt
63% enstatite
1% anorthite
Fo
En
Qz


An
T = 1250°
liquid
$Fo_{20}An_{51}Qz_{29}$
1500
1400
anorthite
P
E
1500
1600
1700
1800
forsterite
enstatite
1400
1500
1600
1700
cristobalite
Fo
En
Qz
21% melt
70% enstatite
9% anorthite


An
T = 1230°
liquid
$Fo_{17}An_{51}Qz_{32}$
1500
1400
anorthite
P
E
1500
1400
enstatite
1500
1600
1600
forsterite
1700
1800
cristobalite
1700
Fo
En
Qz
18% melt
71% enstatite
11% anorthite


An
T = 1228°
liquid
gone
1500
1400
anorthite
P
E
1500
1400
enstatite
1500
1600
1600
forsterite
1700
1800
cristobalite
1700
Fo
En
Qz
76% enstatite
20% anorthite
4% cristobalite