



- fayalite + silica → orthoferrosilite
- fayalite + silica → orthoferrosilite + clinoferrosilite
- fayalite + silica → clinoferrosilite
- ⊙ fayalite + silica → orthoferrosilite + fayalite + α quartz
- ⊗ fayalite + silica → fayalite + α quartz
- spinel + coesite → orthoferrosilite
- spinel + coesite → clinoferrosilite
- △ orthoferrosilite : no change
- ▲ orthoferrosilite → clinoferrosilite
- ⊠ orthoferrosilite → fayalite + α quartz
- ▽ clinoferrosilite → orthoferrosilite
- ▼ clinoferrosilite : no change

Fig. 1