

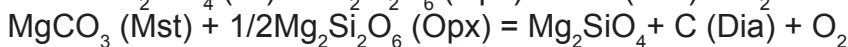
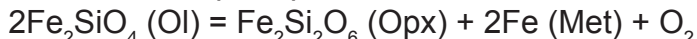
Dia + breyite  
(rapid O<sub>2</sub> transport)  
Dia + Cpx, Grt...  
(slow O<sub>2</sub> transport)

*Crystallization*

O<sub>2</sub>, SiO<sub>2</sub>

**Peridotite**

Ol, Opx, Cpx, Grt, ±Met, ±Mst



logf<sub>O<sub>2</sub></sub> between IW and IW+4

*Interaction*

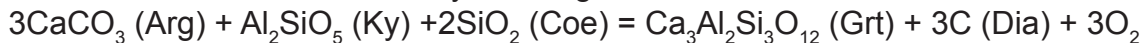
Hydrous carbonate-silicate melt  
Initial logf<sub>O<sub>2</sub></sub> ~ IW+5.5

MgO, FeO

*Melting*

**Metasediment (GLOSS)**

Coe, Ky, Grt, Arg, Law, Phe, Gr



logf<sub>O<sub>2</sub></sub> ~ IW+5.5