

Subsolidus phase relations in the MORB+H₂O system at 10-16 GPa

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Based on the present experiments, the high-P stability limit of eclogite facies was defined as follows. The NaPx (super silicic pyroxene) eclogite facies appears between the garnetite and unknown MgSi phase eclogite facies at 14 - 17 GPa. The MgSi phase eclogite facies is bounded by the lawsonite eclogite facies with a gentle positive slope at 10 GPa.