

Appendix K Pressure-Temperature phase diagrams for MAS-22 and Jor-46 with all individual experiments plotted. MAS-22 experiments are from Moore and Carmichael (1998) and Jor-46 experiments are from Barclay and Carmichael (2004). Note that the 1-bar experiments for MAS-22 from Moore and Carmichael (1998) at 1149°C reported no presence of olivine. However, the marked difference of MgO content in the liquid of that experiments compared to the starting material (4.5wt% vs 6.68%) suggests the crystallization of olivine in the experiment.

