

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: AlphaMELTS isobaric runs for a basaltic liquid in Table 1 at a pressure range from 1 to 10 kbar.

File Name: Supplementary Data 2

Description: Summary of alphaMELTS isobaric runs for a basaltic liquid in Table 1 at a pressure range from 1 to 10 kbar.