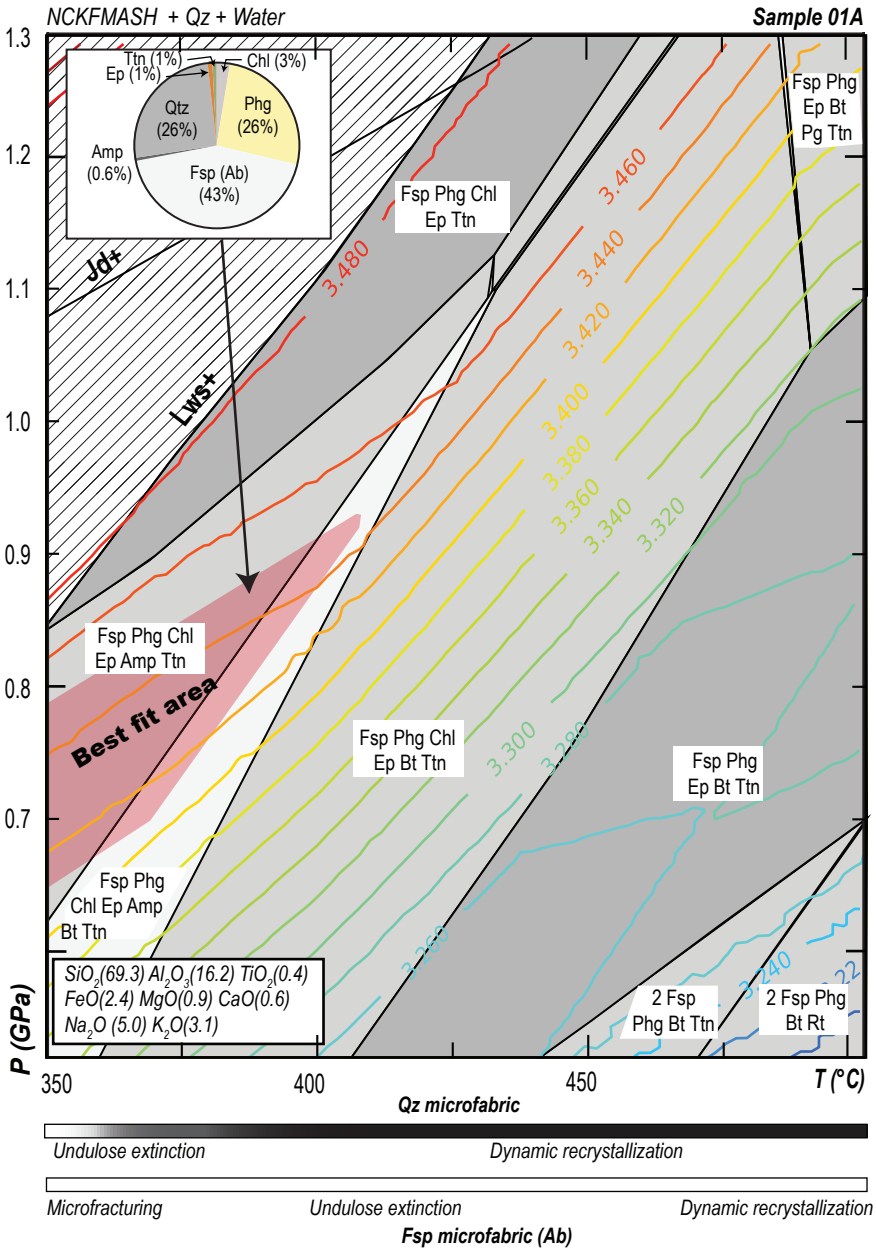
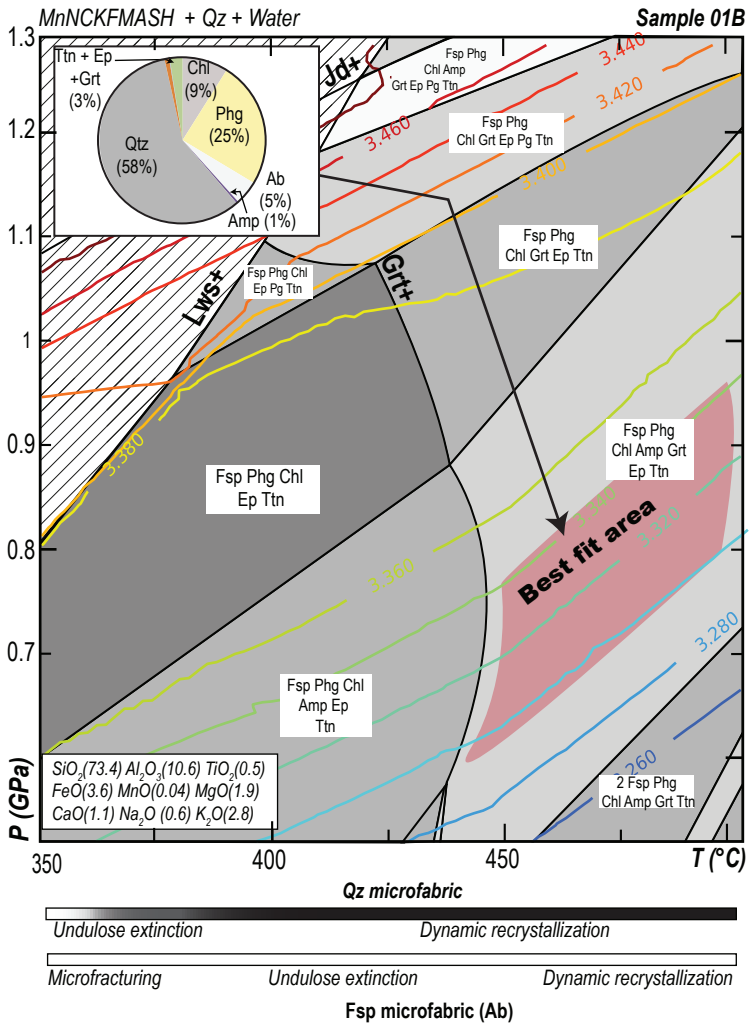
Supplemental Item S3: P-T pseudosection in the NCKFMASH system (plus Qz and water) for sample #01A, showing the phase relationships and the best-fit area (red polygon). The colored lines are the phengite silica content isopleths, each corresponding to the annotated silica content.



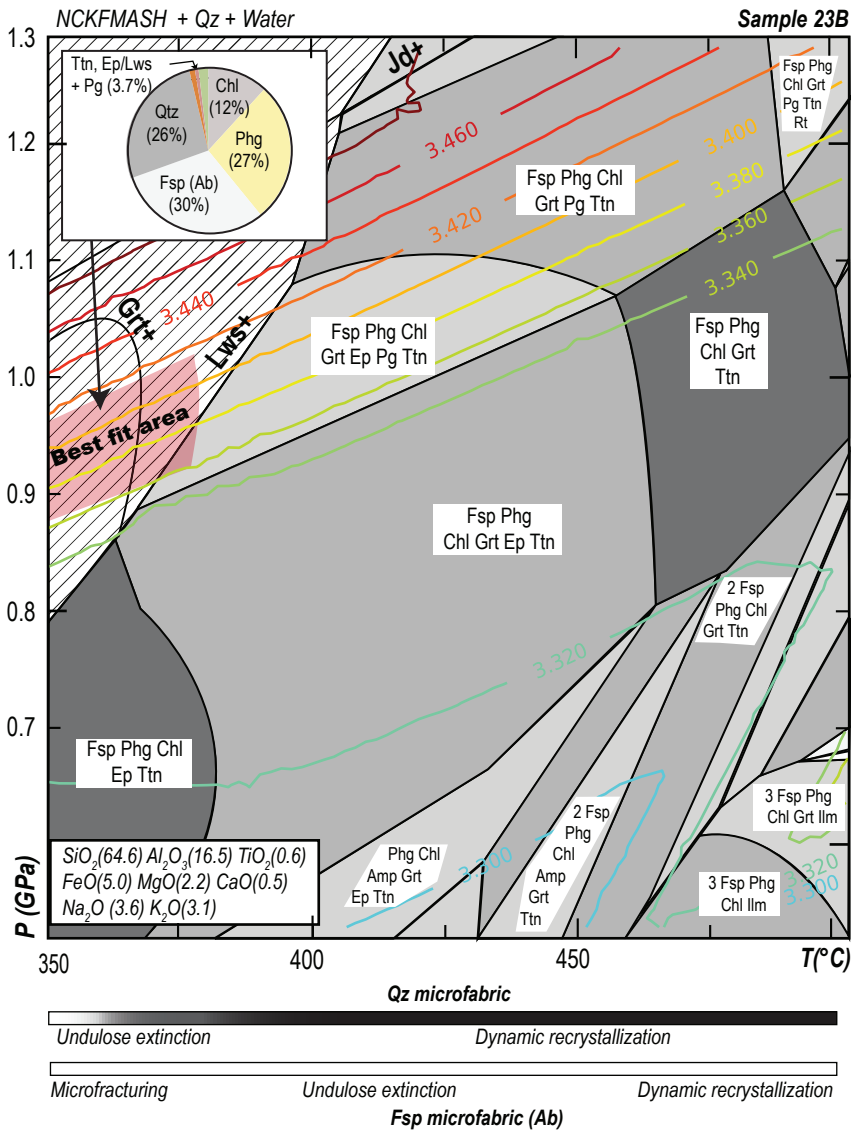
Supplemental Item S3

Supplemental Item S4: P-T pseudosection in the MnNCKFMASH system (plus Qz and water) for sample #01B, showing the phase relationships and the best-fit area (red polygon). The colored lines are the phengite silica content isopleths, each corresponding to the annotated silica content.



Supplemental Item S4

Supplemental Item S5: P-T pseudosection in the NCKFMASH system (plus Qz and water) for sample #23B, showing the phase relationships and the best-fit area (red polygon). The colored lines are the phengite silica content isopleths, each corresponding to the annotated silica content



Supplemental Item S5