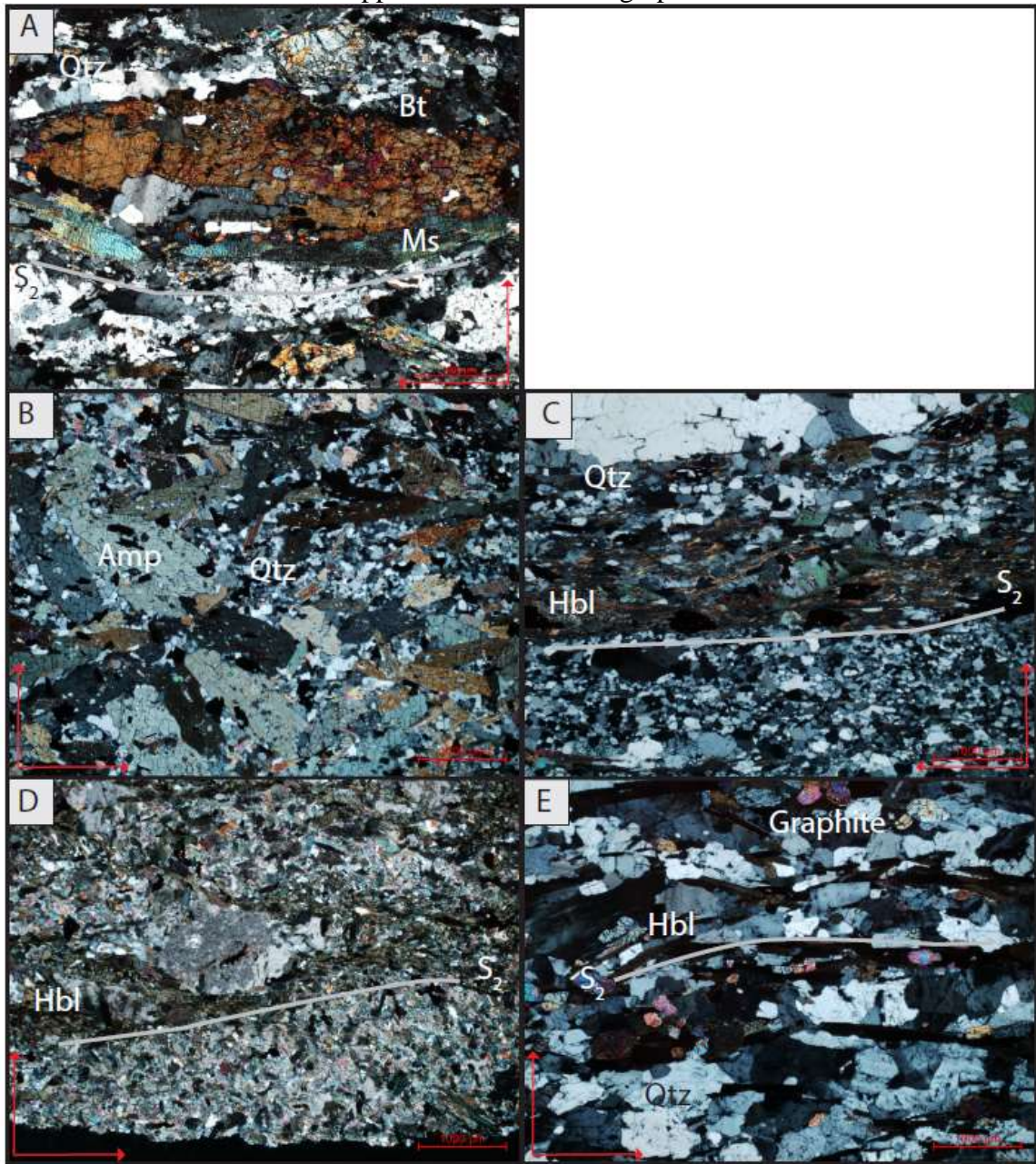


Appendix 4 Photomicrographs



Appendix 4: Photomicrographs of the samples not subjected to $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. Qtz = Quartz, Bt = Biotite, Ms = Muscovite, S₂ = Foliation, Amp = Amphibole, Hbl = Hornblende. A: Sample 18CD08C containing quartz biotite and muscovite. There is foliation defined by layering of mica and quartz. B: Sample 18CD09A contains quartz and amphibole. There is no foliation in this sample. C: Sample 18CD09B containing quartz and hornblende. The foliation is defined by a preferred orientation in the hornblende. D: Sample 18CD09C contains quartz and hornblende. The foliation is defined by compositional layering. E: Sample 18CD10D contains quartz, hornblende and graphite. The foliation is defined by orientation of hornblende.