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- SECTION A -

**TEXTURAL DEVELOPMENT OF MICA RICH PSEUDOMORPHS AFTER
CORDIERITE**

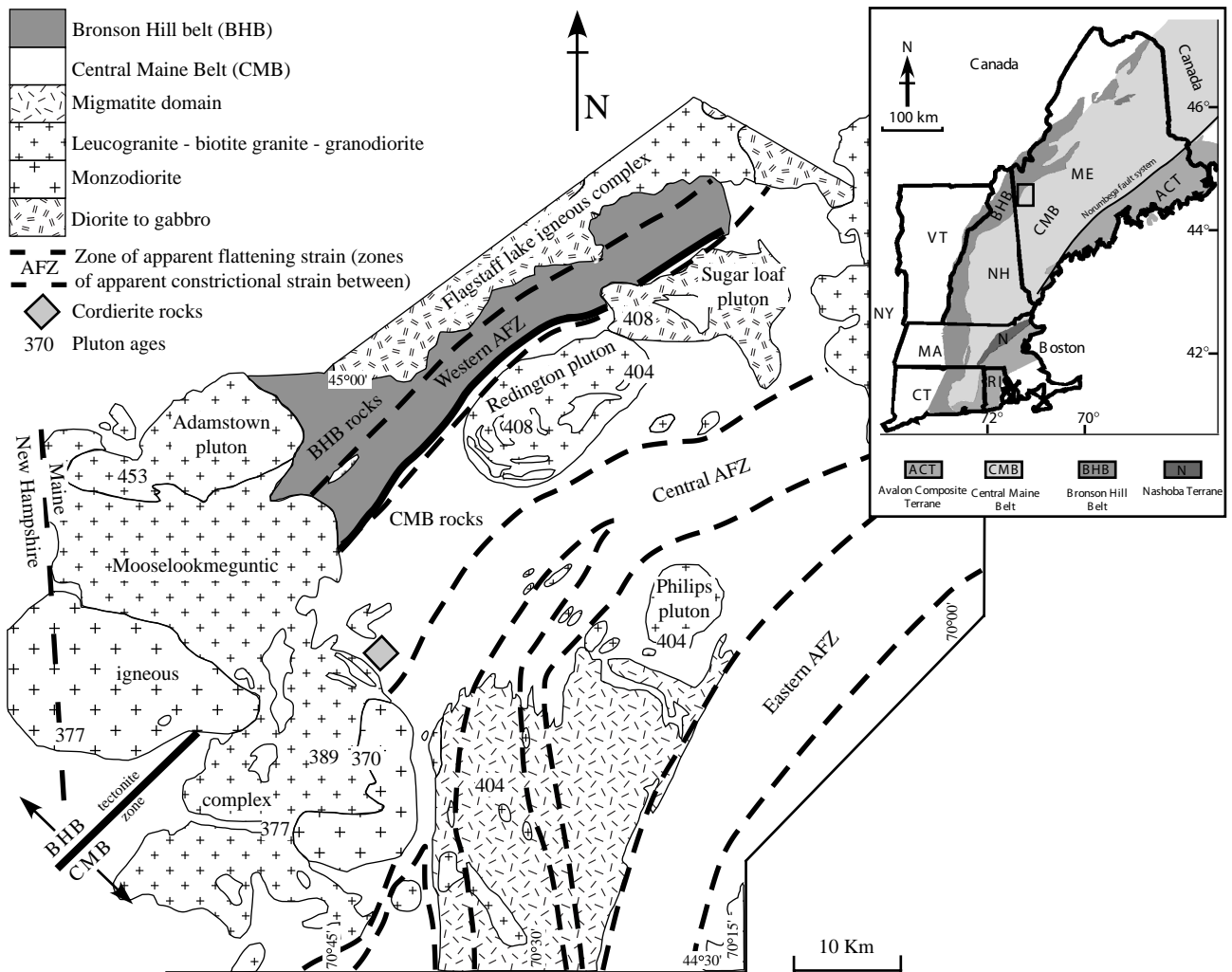


Figure 1: Simplified geological map of western Maine and its location within the Central Maine Belt (inset) showing the location of cordierite bearing rocks. Modified from Tomascak et al. (2005).

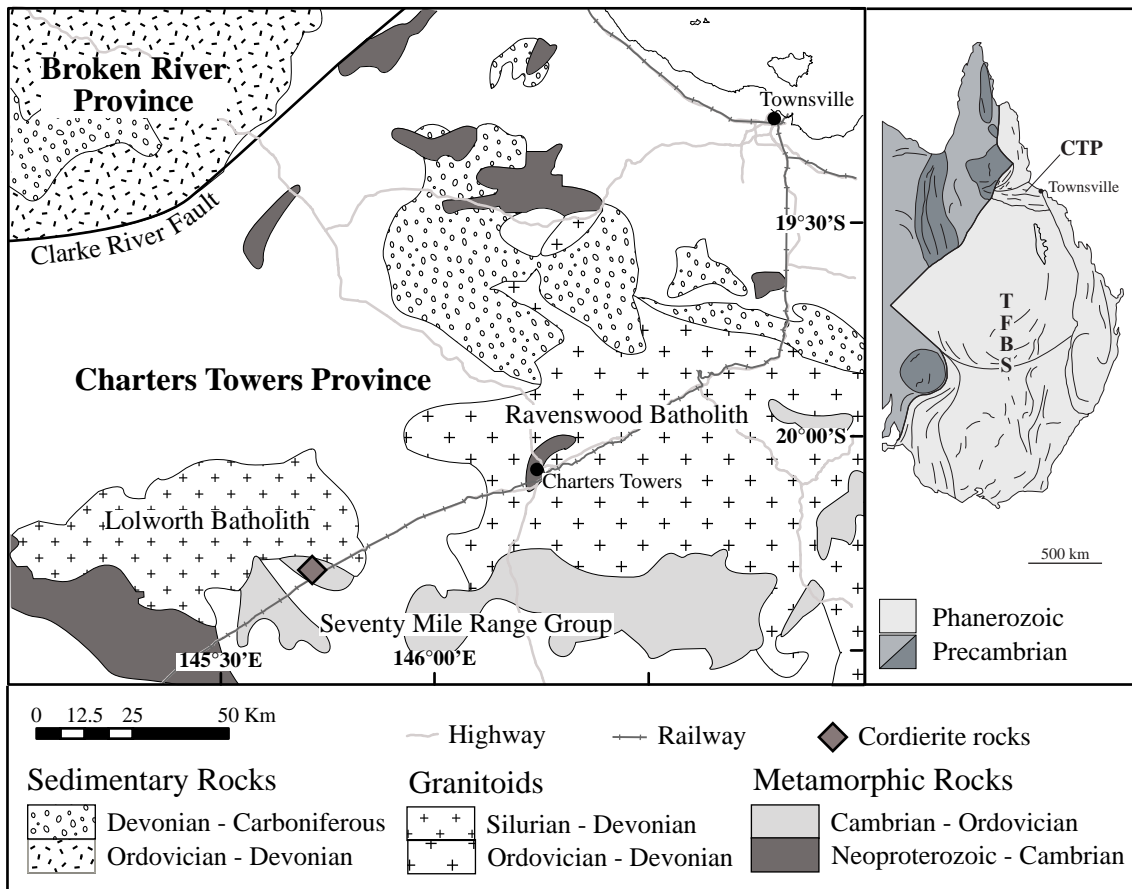


Figure 2: Simplified geological map of the Charters Towers Province of NE Queensland (inset) showing the location of cordierite bearing rocks within the Seventy Mile Range Group. Modified from Fergusson et al. (2007).

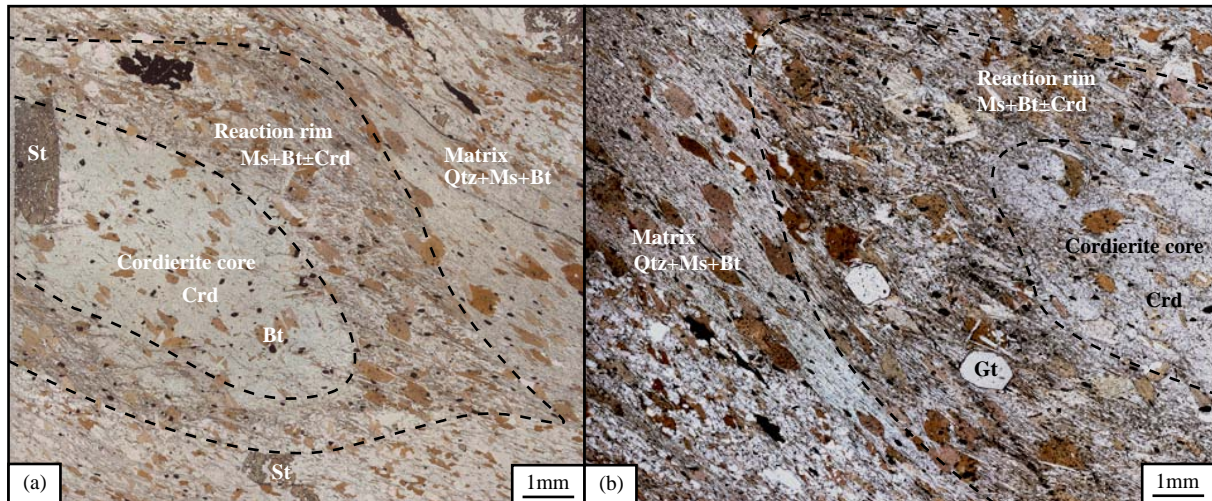


Figure 3: Photomicrographs showing typical mica rich partial pseudomorphs after cordierite near Mooselookmeguntic pluton (western Maine) with staurolite inclusion (a) and garnet inclusions (b). The pseudomorph consists of a cordierite core surrounded by a reaction rim.

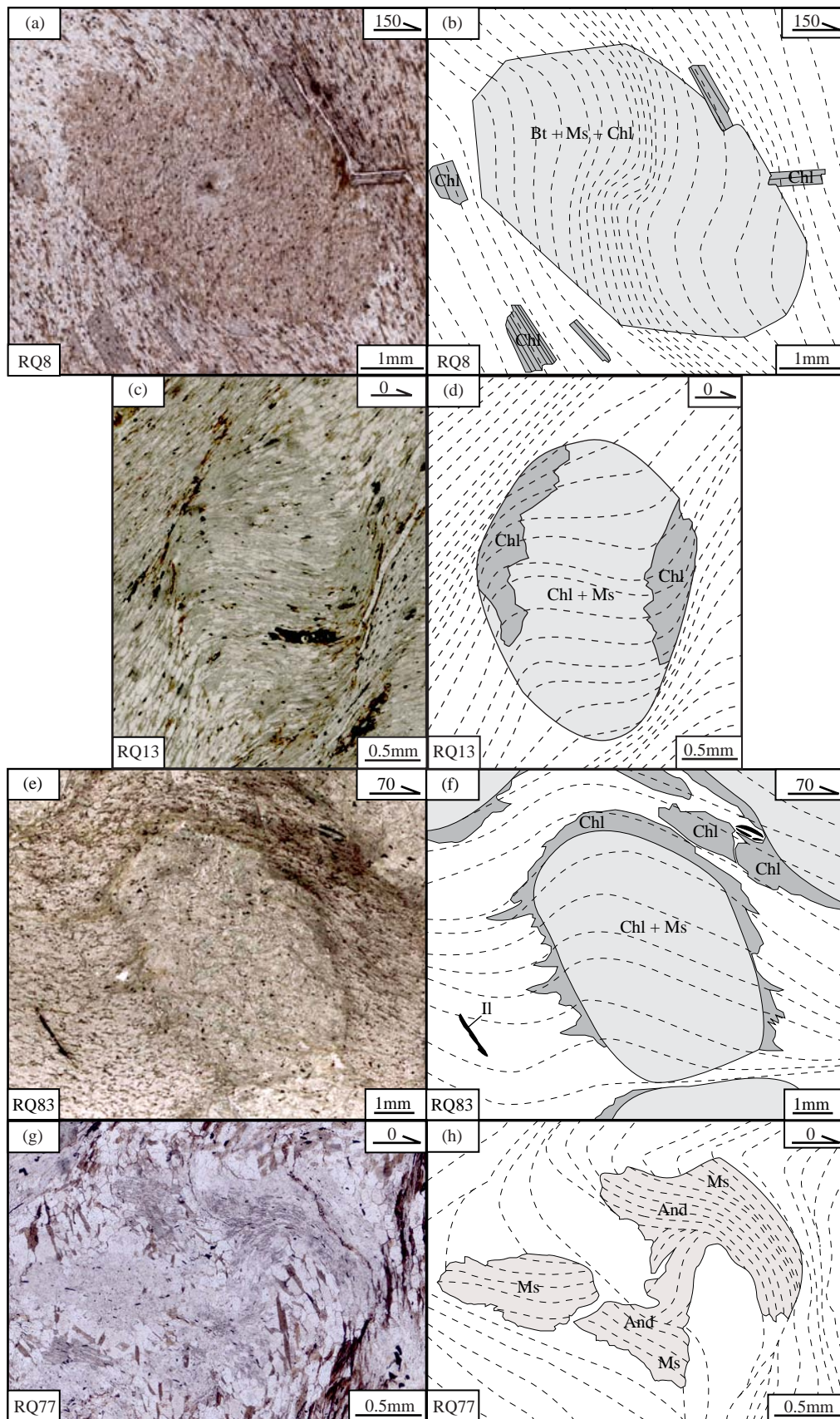


Figure 4: Photomicrographs and line diagrams showing representative pseudomorphs after cordierite and andalusite from rocks of the Seventy Mile Range Group (NE Queensland). See text for details.

