

The sample consists mainly of quartz with accessory (possibly about 20%) topaz and traces (less than 5%) of muscovite, pyrite and fluorite.

The major opaque minerals are pyrite with a smaller amount of goethite. Tin minerals present at a trace level are cassiterite and stannite which generally form liberated grains between 0.05 and 0.15 mm in size. The pyrite generally forms anhedral to subhedral crystals up to 0.4 mm in size. The goethite forms patches and interstitial fillings up to 0.3 mm in size which typically exhibit collarofm textures. Traces of arsenopyrite and galena are also present. A single arsenopyrite crystal 1 mm long was noted and galena was observed only as fine intergrowths with goethite.

B7. PHOTOMICROGRAPHS

Photomicrographs showing typical textures are given in Plates B1 and B2.