

Figure 112. Photomicrograph of Sandy Creek Gabbro showing optically continuous augite (*cpx*) ophitically enclosing plagioclase (*pl*) and olivine (*ol*). Bar is 0.5 mm. (Sample WM-385.)

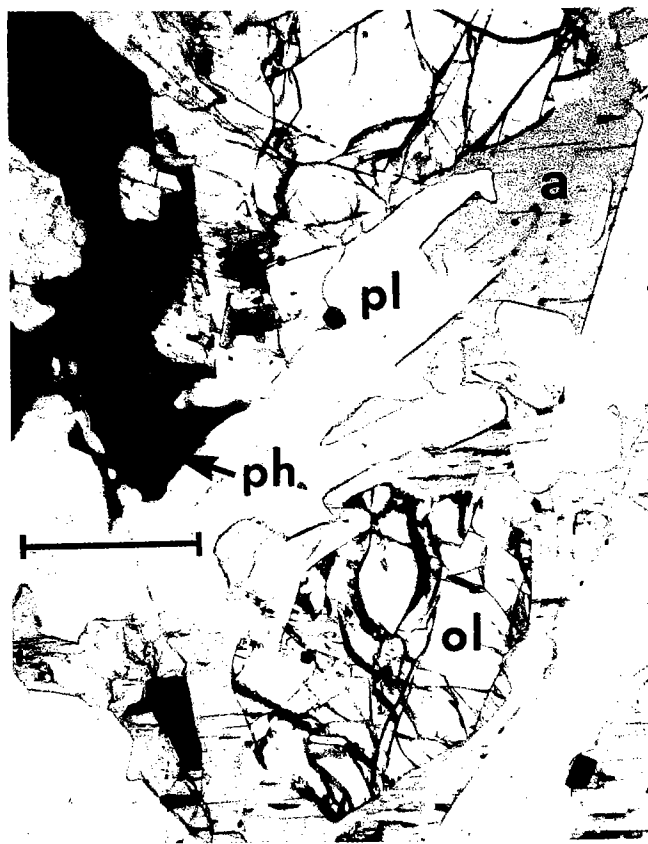


Figure 114. Photomicrograph of Sandy Creek Gabbro showing interstitial, well-crystallized amphibole (*a*) and phlogopite (*ph*); olivine (*ol*); plagioclase (*pl*); opaque is ilmenite. Bar is 0.5 mm. (Sample WM-385.)



Figure 113. Photomicrograph of Sandy Creek Gabbro, showing plagioclase lamination; olivine (*ol*). Bar is 1 mm. (Sample WM-372.)

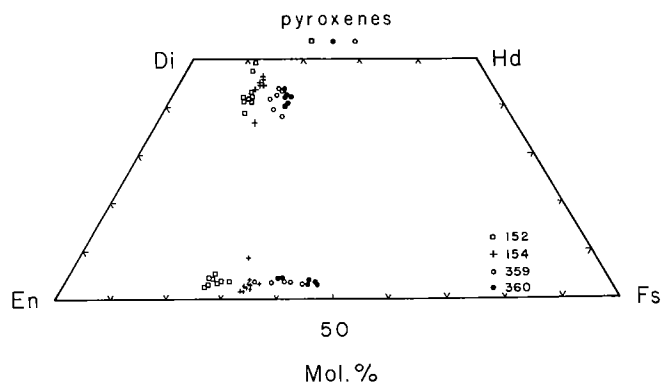


Figure 115. Pyroxene compositions in Sandy Creek Gabbro and a separate dike of biotite-olivine gabbro (WM-154, an unnamed member of Roosevelt Gabbros). Sample WM-152 is olivine-bearing; WM-359 lacks olivine and quartz; WM-360 contains quartz and K-feldspar as granophyric intergrowth in mesostasis (see fig. 116). All low Ca pyroxenes plotted for Sandy Creek Gabbro (squares, and filled and open circles) are primary orthopyroxenes, not inverted pigeonite. (See text for discussion.)