

228N-59 (same location and unit as 228N-60)

228N-59 is a light gray crystal-vitric tuff with bedding defined by large, stretched fiamme comprising about 5% of the rock and up to about 0.5 mm in height, and 4-10 cm in length (Figure 1). The tuff is about 15% microcrysts of feldspar (90%) of microcrysts and hornblende (10%), in a groundmass of devitrified ash and glass with microlites of feldspar. The feldspar microcrysts are up to about 0.5 mm, and are typically broken and fractured with two distinct populations. About 60 percent are subhedral to anhedral with distinct planar margins, and the remainder have embayed margins, resorbed cores, or unusual devitrification (?) textures at their margins



Figure 1. A. Outcrop photo of light gray crystal tuff. Bedding is defined by stretched fiamme

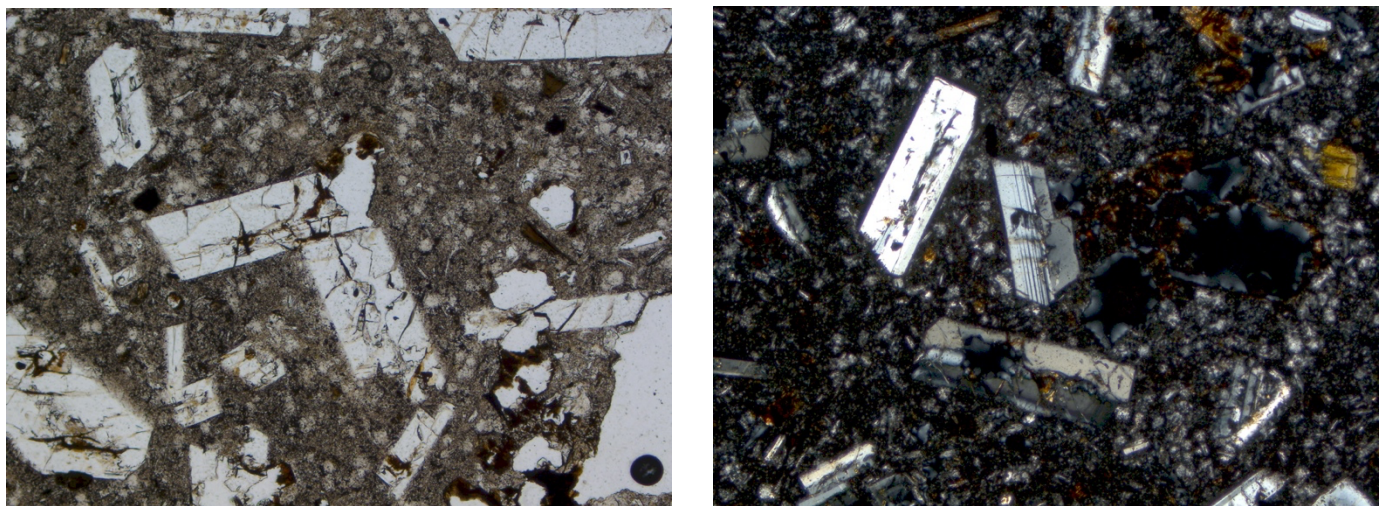






Figure 2. Upper left shows broken feldspar (PL, 10X WOF 1.1 mm). Upper right illustrates resorbed feldspar below plagioclase with euhedral termination. Brown minerals are hornblende. Lower left (20x, XP, WOF = 0.55 mm) shows euhedral feldspar, likely sanidine). Lower right (10X, XP, WOF = 1.1 mm) is a zoned but euhedral feldspar.