

INTRODUCTION: 63579 is a coherent, tan-gray to white, fine-grained impact melt (Fig. 1). It is a rake sample.

PETROLOGY: 63579 is a fine-grained heterogeneous impact melt with abundant aligned plagioclase needles or laths 50-100 μm long (Fig. 2). It contains rounded plagioclase clasts, some of which are shocked. Most of the melt consists of stubby plagioclases and mafic minerals and it is difficult to distinguish tiny clasts from the melt.

PROCESSING AND SUBDIVISIONS: Five small matrix chips were potted together as ,1 and thin sections ,3 and ,4 cut from it.

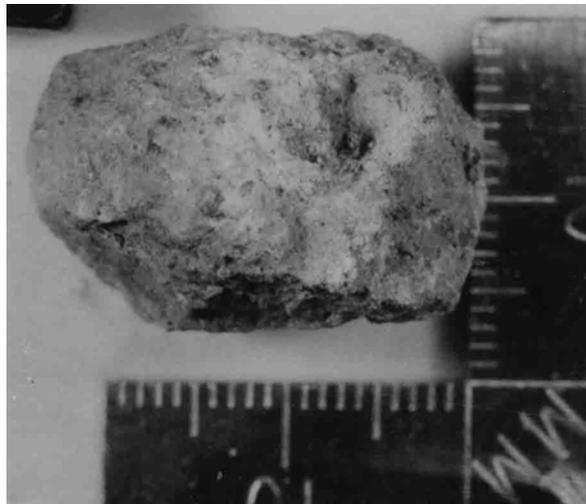


FIGURE 1. Smallest scale division in mm.

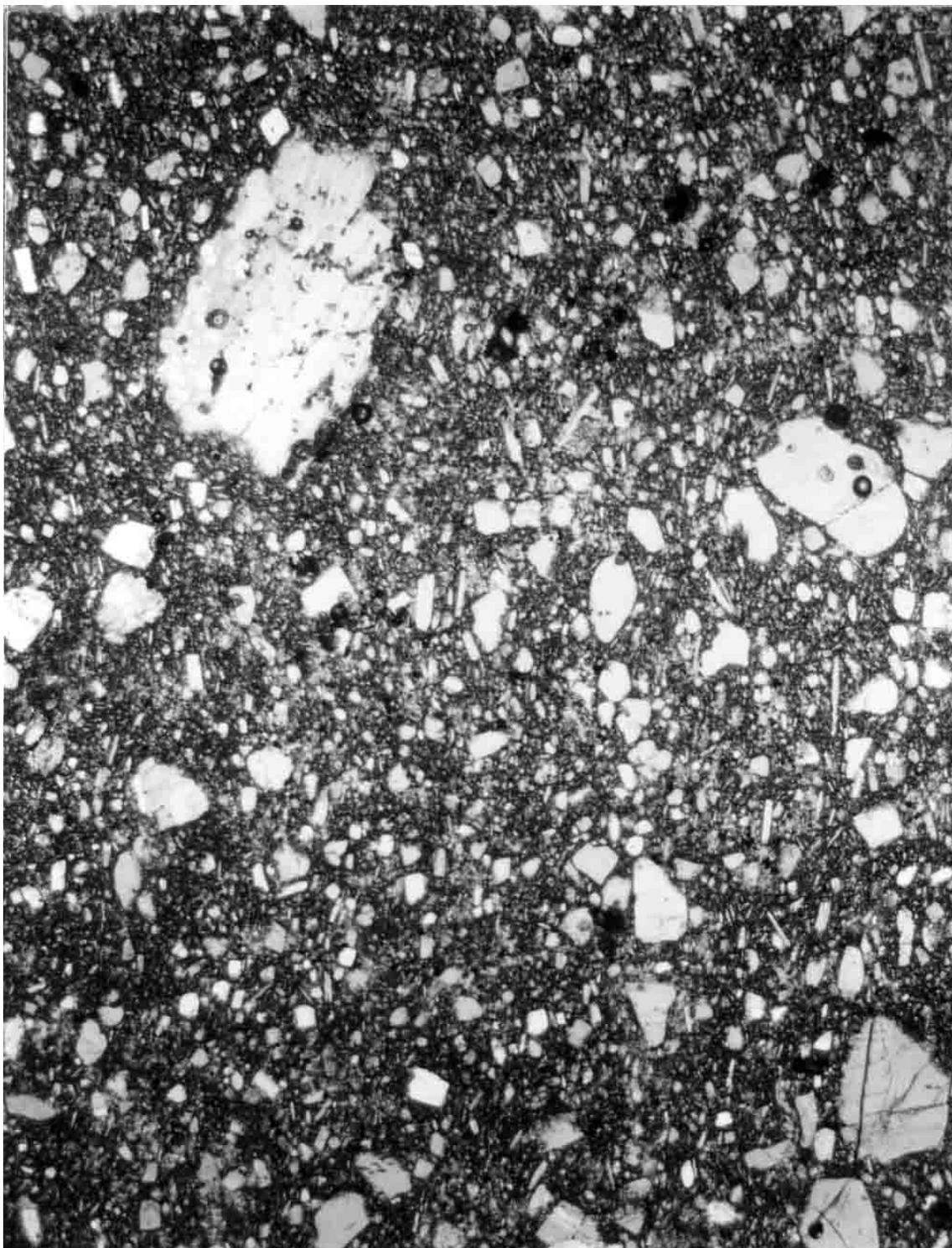


FIGURE 2. 63579,4, general view, ppl. Width 2 mm.