

INTRODUCTION: 63546 is a dark, fine-grained crystalline rock (Fig. 1) which is an impact melt. It is a rake sample with some zap pits.

PETROLOGY: 63546 is a fine-grained, brownish impact melt (Fig. 2). Plagioclase clasts have a seriate size distribution down to tiny, and are rounded. The matrix is mortar-like, enclosing the tiny plagioclase clasts, is more mafic than the clast population, and has scattered plagioclase laths up to 200  $\mu\text{m}$  long. The texture approaches subophitic in places.

PROCESSING AND SUBDIVISIONS: Five small chips (,1) were removed to make thin sections ,6 and ,7.

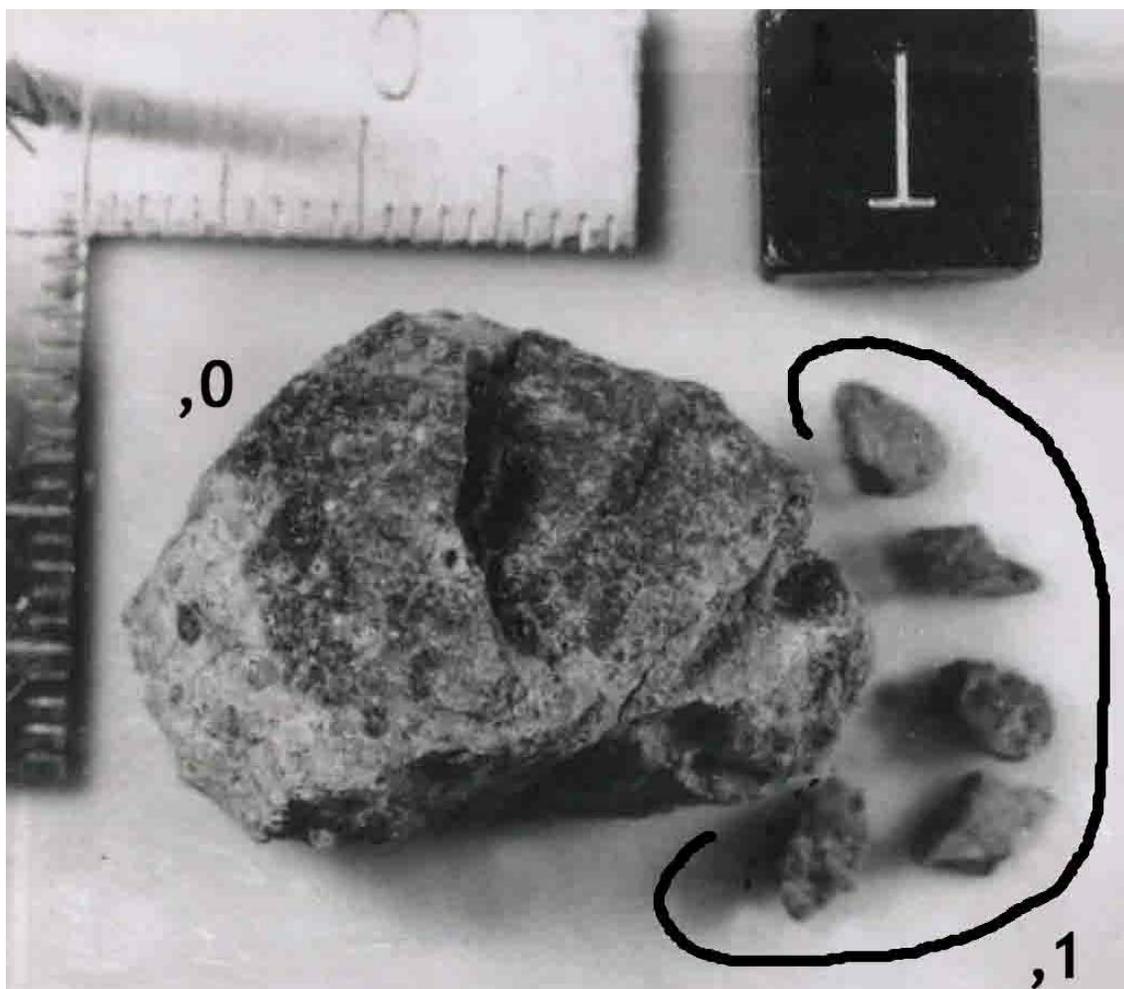


FIGURE 1. Smallest scale division in mm.

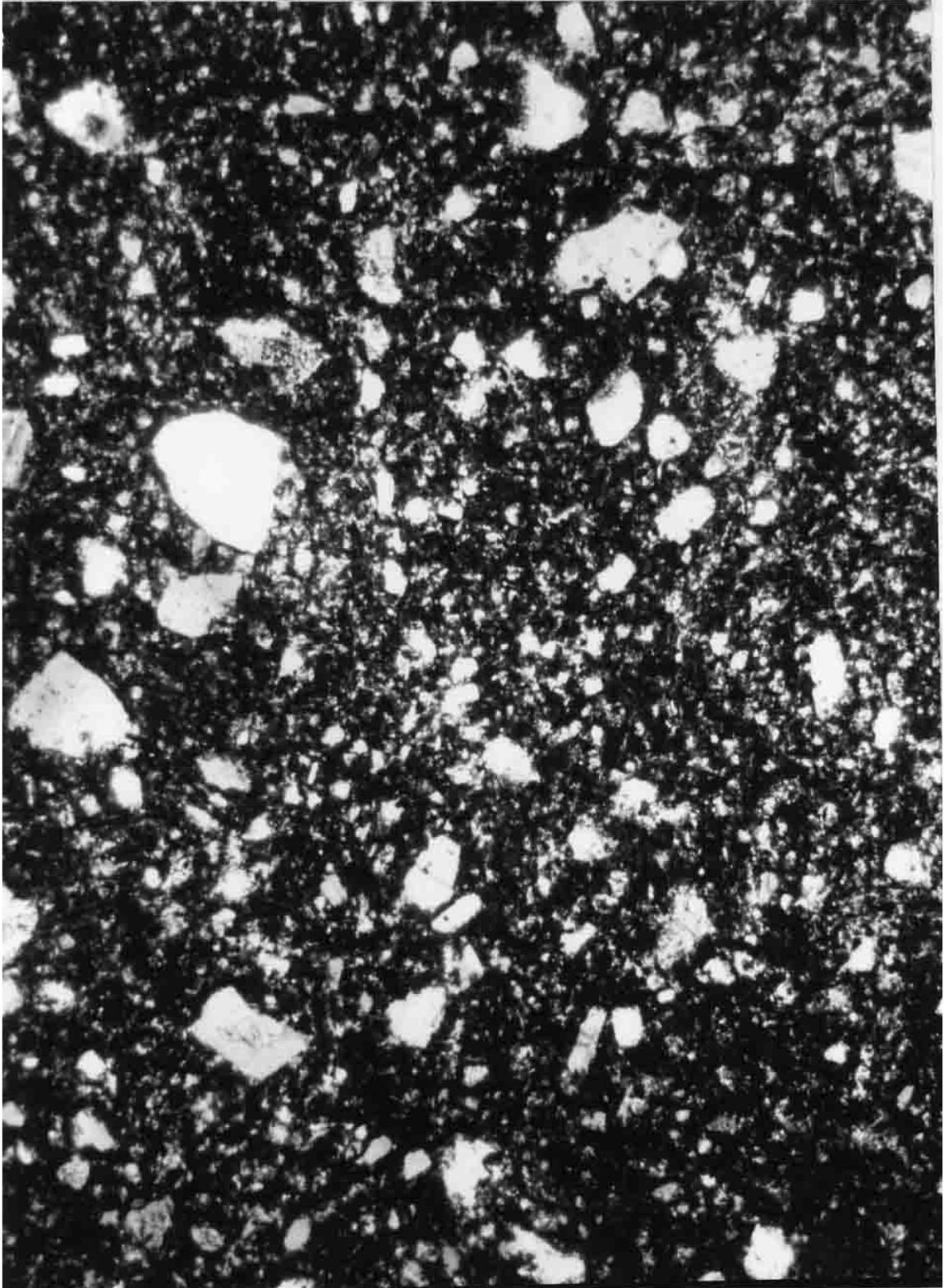


FIGURE 2. 63546,6, general view, ppl. Width 2 mm.