

INTRODUCTION: 63537 is a dark, coherent, fine-grained impact melt (Fig. 1). It is a rake sample and has zap pits.

PETROLOGY: 63537 is a basaltic impact melt with a subophitic to intergranular texture (Fig. 2). It is extremely plagioclase-rich (~80-85%). Most plagioclase laths are 100-200 μm long, and there is minor glass, Fe-metal, and other opaques surrounding the interstitial mafic minerals. Clastic material is inconspicuous.

PROCESSING AND SUBDIVISIONS: 63537 was first split into ,0 and ,1 as shown in Figure 1. Two small chips (,2) and a larger chip (,3) were taken from ,1. ,2 was made into thin sections ,6 and ,7.

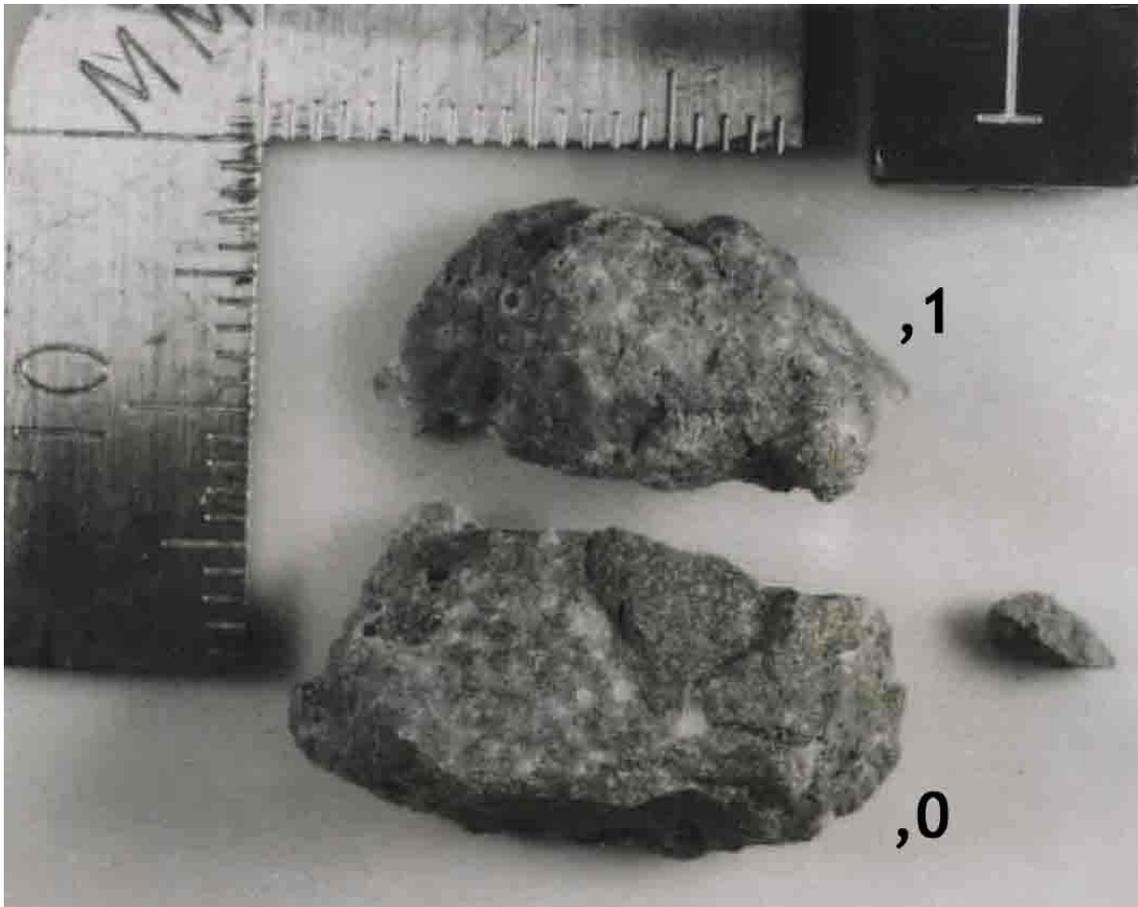


FIGURE 1. Smallest scale division in mm.



FIGURE 2. 63537,6, general view, ppl. Width 2 mm.