

INTRODUCTION: 63539 is a gray, angular, coherent, fine-grained impact melt (Fig. 1). It is a rake sample.

PETROLOGY: 63539 is a fine-grained, brownish impact melt (Fig. 2) with a seriate size distribution of clasts down to extremely tiny. Most of the clasts are plagioclases with rounded corners and ragged edges, but some are lithic fragments including granoblastic anorthosite. The matrix is more mafic than the clast population and contains a few plagioclase laths.

PROCESSING AND SUBDIVISIONS: A single chip ,1 (Fig. 1) was made into thin sections ,6 and ,7.

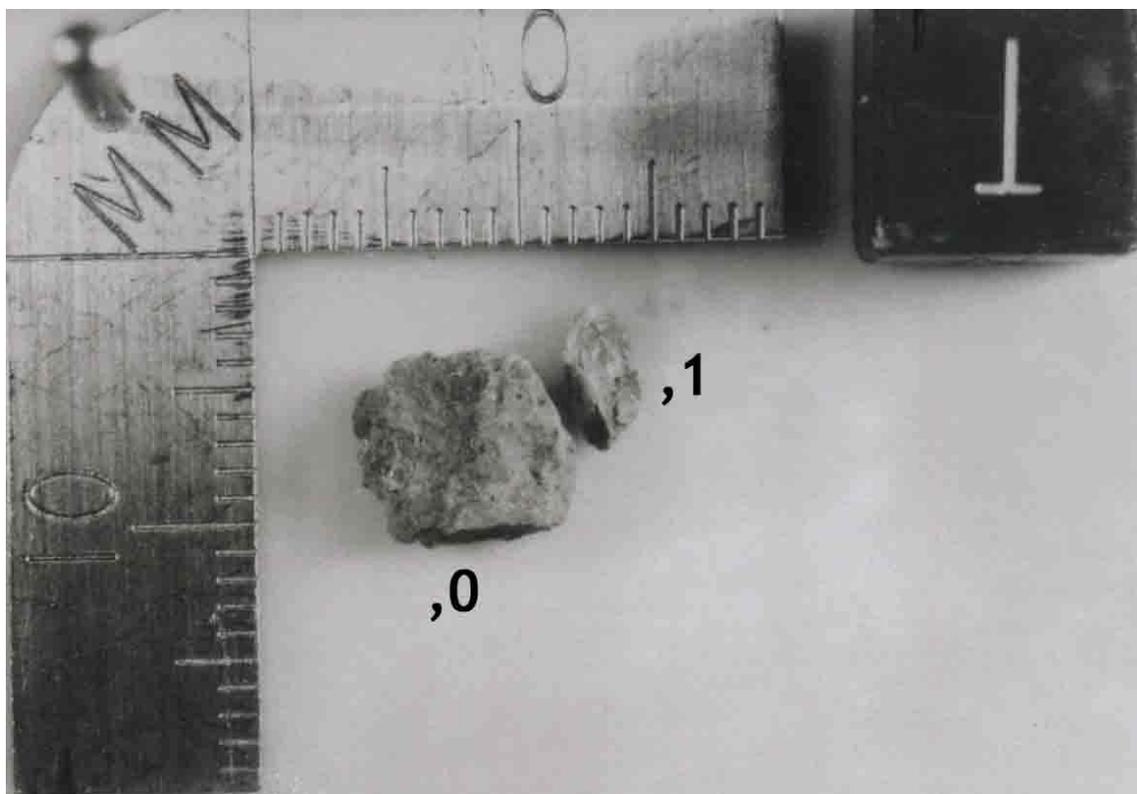


FIGURE 1.

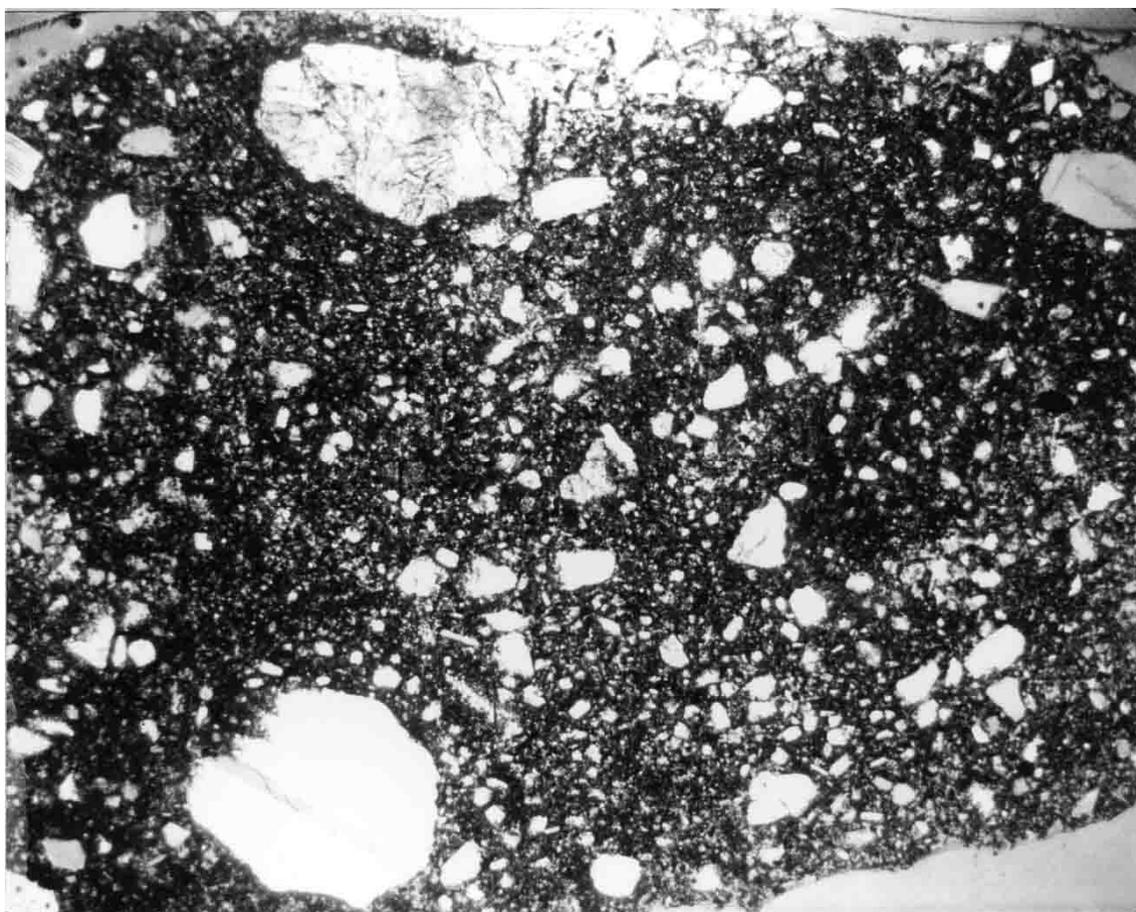


FIGURE 2. 63539,7, general view, ppl. Width 2 mm.