INTRODUCTION: 63586 is a medium gray, heterogeneous, coherent rock (Fig. 1) which is a fine-grained impact melt. It is a rake sample and has many zap pits.

PETROLOGY: 63586 consists of rounded plagioclase clasts (some embayed) in a fine-grained impact melt (Fig. 2). The melt contains some ilmenite and plagioclase laths and is more mafic than the clast population, which has a seriate size distribution. Some of the clasts are flame-textured, one being a mosaic of grains with such textures. The pale-colored zones (Fig. 1) are schlieren of plagioclase-rich breccias.

PROCESSING AND SUBDIVISIONS: Of two chips (Fig. 1), 1 was used to make thin sections 4 and 5.
FIGURE 2. 63586,4, general view, ppl. Width 2 mm.