

INTRODUCTION: 60235 is a vesicular, medium gray basaltic impact melt (Fig. 1). The coherent rock has a soft, white, earthy coating, distinct from soil, in places. It was collected about 30 m south or southwest of the Lunar Module and it was photographed prior to collection. A few zap pits are present on all surfaces.



FIGURE 1.

PETROLOGY: A thin section cut for this study shows that 60235 is a plagioclase-rich impact melt. It consists of plagioclase laths 200-300 μm long (Fig. 2) which are frequently hollow and have square cross-sections. Interstitial minerals are mainly pyroxene, with some mesostasis glass with opaque minerals and cristobalite. Clastic material consists of plagioclases and plagioclase-rich breccias.

PROCESSING AND SUBDIVISIONS: A single representative chip (,1) was used to make thin section ,5.



FIGURE 2. 60235,2. General view, ppl. Width 2 mm.