67956 BASALTIC IMPACT MELT

<u>INTRODUCTION</u>: 67956 is a coherent, gray, basaltic impact melt lacking obvious clasts and containing irregular rugs (Fig. 1). It was collected from Outhouse Rock, adjacent to 67955 and 67957 (see 67915, Fig. 1). Its orientation is unknown, but it has a few zap pits on one surface indicating the exposed side.



FIGURE 1. S-72-37547.

<u>PETROLOGY</u>: 67956 is homogeneous, with a subophitic melt texture. Most plagioclase laths are \sim 500 µm long with a maximum around 1 mm; some anhedral plagioclases are also \sim 1 mm in diameter. Mafic minerals partly enclose the plagioclase laths, and interstices are filled with a glassy mesostasis.

<u>PROCESSING AND SUBDIVISIONS</u>: A chip (,1) was made into thin sections ,1 ,13 and ,14. Interior chips were allocated for meteoritic siderophile and volatile element analyses. ,0 remains as 5 chips, one considerably larger than the others, totaling 3.20 g.