

INTRODUCTION: 61575 is a coherent, medium gray, crystalline rock with several large white clasts (Fig. 1). It is a rake sample collected ~45 m northeast of Plum Crater.

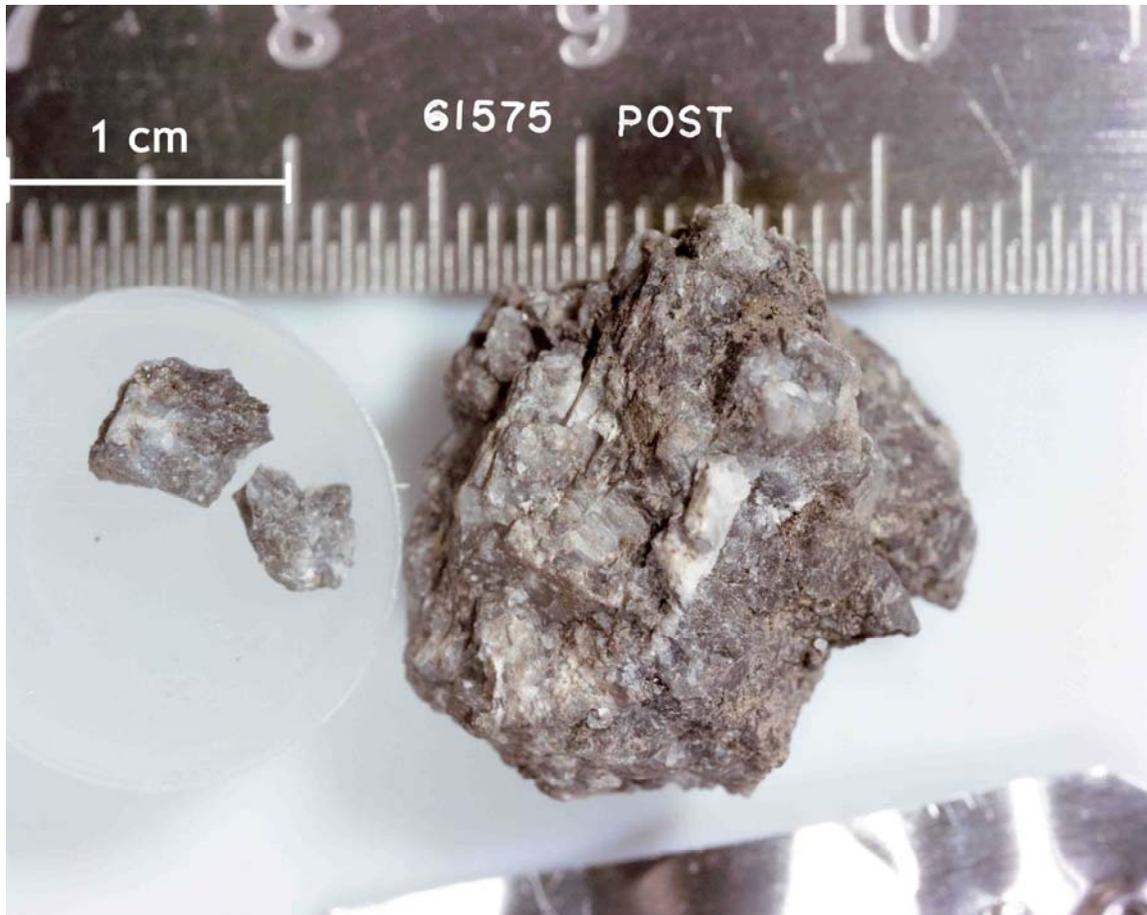


FIGURE 1. S-72-55323.

PETROLOGY: Warner et al. (1973) include this rock in a general petrographic discussion of Apollo 16 rake samples. The only thin section consists entirely of a single grain of severely shocked plagioclase (~8 mm) with a few small, rounded inclusions of a mafic mineral (Fig. 2). Phinney and Lofgren (1973, p. 19) state that this rock is “probably...a coarse-grained plagioclase rock that has been partially melted and shocked...” Warner et al. (1973) classify it as “devitrified glass (?) with large clear plagioclase clasts.”

PROCESSING AND SUBDIVISIONS: In 1972 two small pieces were removed from the rock and one of them (,1) allocated to Phinney for thin sectioning and petrography.

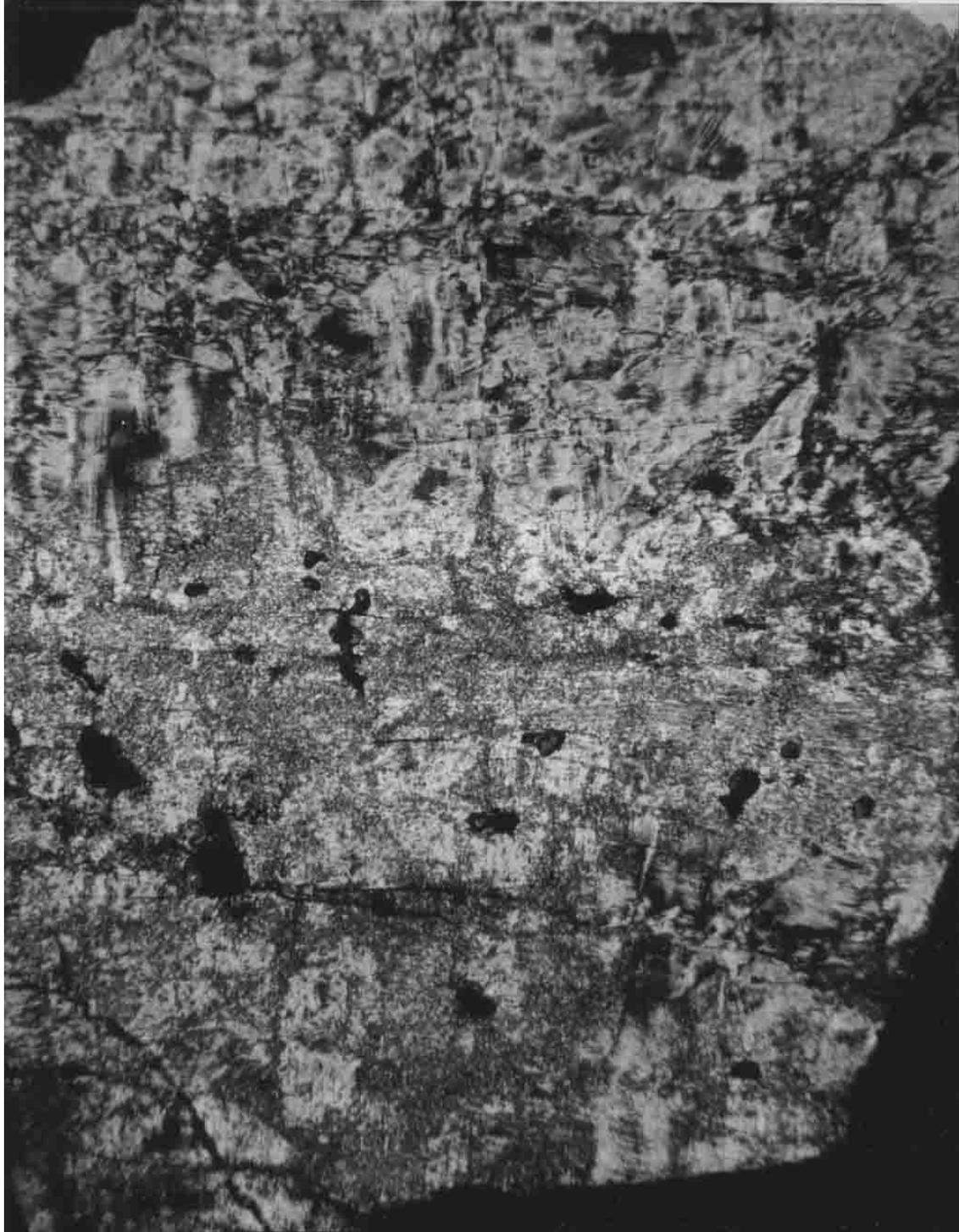


FIGURE 2. 61575,4, plagioclase grain, xpl. Width 4 mm.