

67717

67717 GLASSY POLYMICT BRECCIA

5.56 g

INTRODUCTION: 67717 is a coherent, dark, polymict breccia with a white coating up to 0.5 mm thick over three-quarters of the surface (Fig. 1). It has a glassy to cryptocrystalline matrix. It is a rake sample collected halfway between the White Breccia boulders and House Rock, and lacks zap pits.



FIGURE 1. Smallest scale division in mm. S-72-49540.

PETROLOGY: 67717 is a heterogeneous, brown, polymict breccia with distinct textural zones (Fig. 2). Steele and Smith (1973) note that “some areas appear melted in place.” The matrix is glassy to cryptocrystalline, and the fine-grained material consists of roughly equal proportions of clasts (plagioclase > mafics) and finely divided mortar. Most clasts larger than 200  $\mu\text{m}$ , of which there are few, are plagioclase, but some are basaltic impact melts.

PROCESSING AND SUBDIVISIONS: A single chip was taken to make thin section ,1.

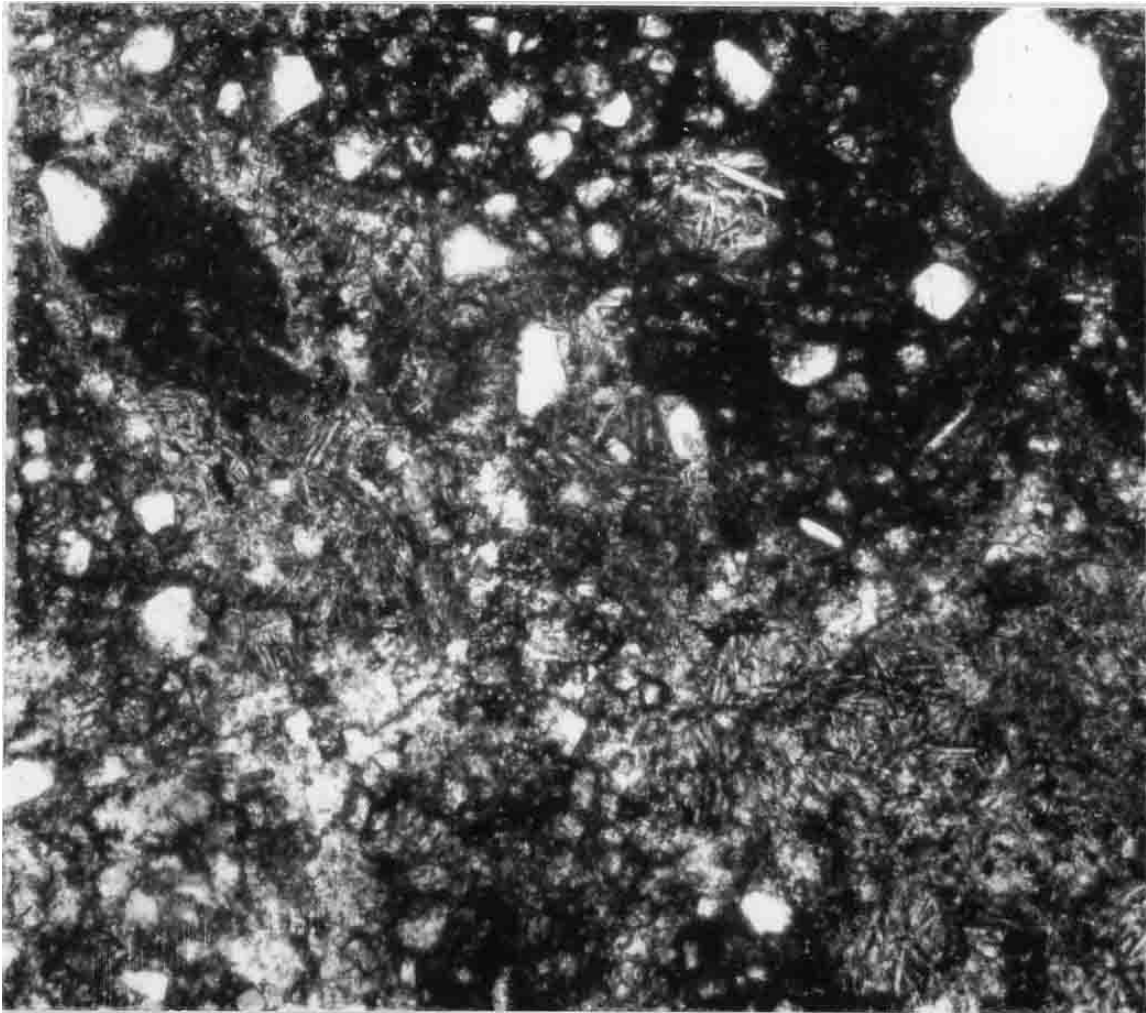


FIGURE 2. 67717,1. General view, ppl. Width 2 mm.