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 μm, 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.