

INTRODUCTION: 67548 is a porous, polymict, glassy breccia containing shocked plagioclase clasts and lithic clasts (Fig. 1). It is a rake sample collected near the White Breccia boulders. It is light gray, homogeneous, ovoid, and lacks zap pits.



FIGURE 1. Smallest scale division in mm. S-72-51282.

PETROLOGY: Steele and Smith (1973) tabulate 67548 as a plagioclase-rich breccia with ~40% matrix (defined as less than 5 μm). The breccia (Fig. 2) is polymict, glassy, and in thin section, brown. It contains shocked plagioclase and, locally, lithic clasts consisting of plagioclase-pyroxene-troilite chromite assemblages in which the troilite is conspicuous. Aphanitic brown clasts are also common.

PROCESSING AND SUBDIVISIONS: Chips were removed, some of which were made into thin section ,1.

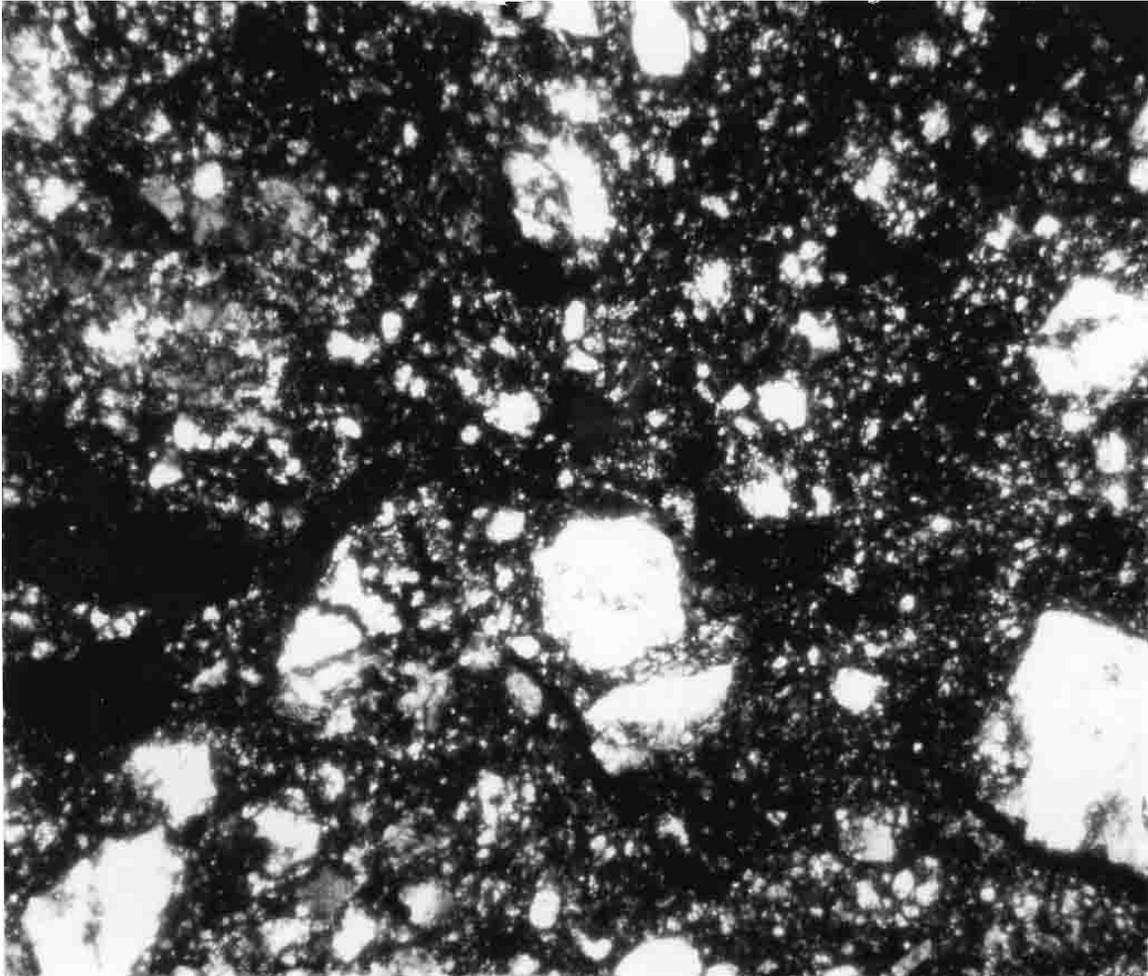


FIGURE 2. 67548,1. General view, xpl. Width 2 mm.