

INTRODUCTION: 65786 is a coherent, medium gray, polymict breccia with abundant glass in the matrix. Slickensides and abundant fractures are present on four surfaces (Fig. 1). Greenish, vesicular glass thinly coats the other surfaces. The glass coat has apparently been smeared along the slickensides indicating that shearing occurred after the glass coat was emplaced.

This rock is a rake sample from the rim of a small, subdued crater on Stone Mountain. Zap pits are absent.



FIGURE 1. Smallest scale division in mm. S-72-48812.

PETROLOGY: Abundant clasts of heavily shocked plagioclase, mafic silicates and cataclastic anorthosite rest in a chaotic, glassy matrix (Fig. 2). Blebs of Fe-metal and angular grains of ilmenite are accessory phases.

PROCESSING AND SUBDIVISIONS: In 1979 a chip (,1) was allocated for thin sections.

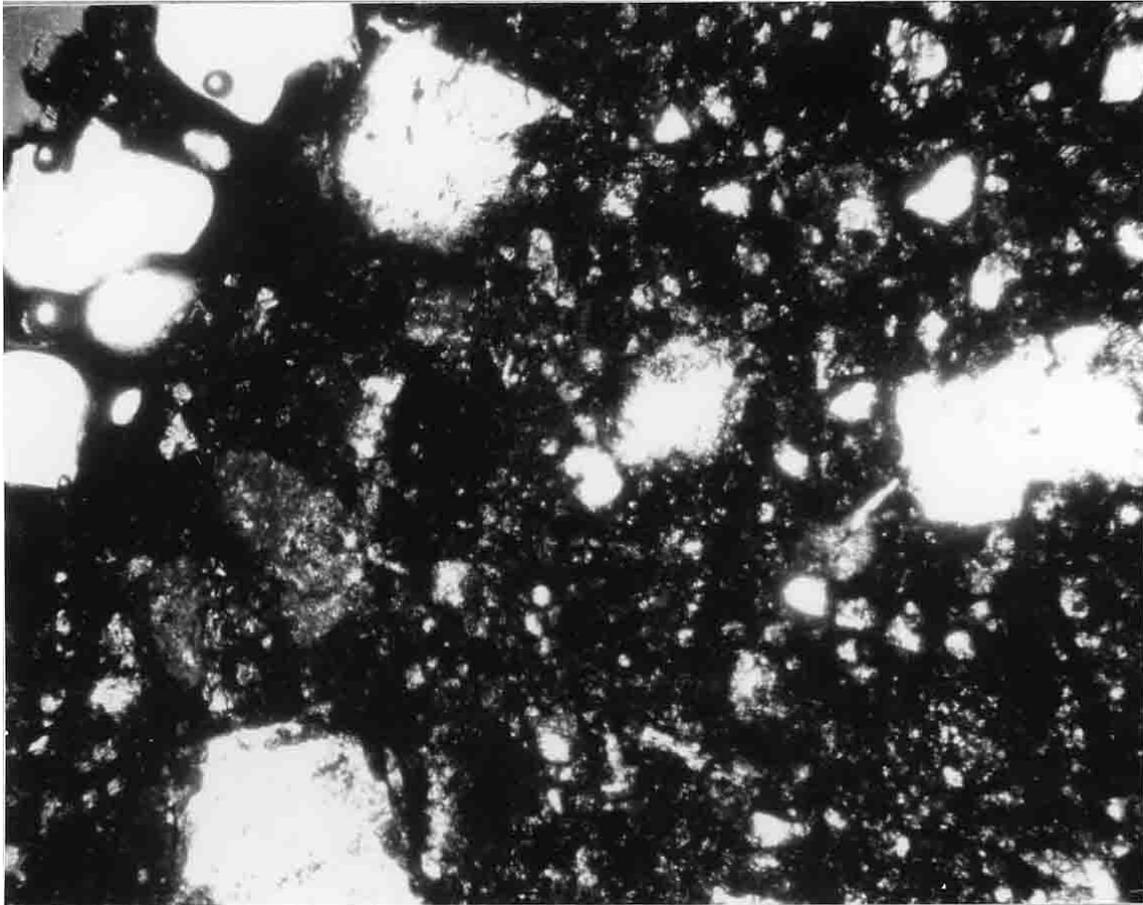


FIGURE 2. 65786,2. General breccia with vesicular glass coat in upper left, ppl. Width 2.5 mm.