

61535      FRAGMENTAL POLYMICT BRECCIA,      0.23 g  
PARTLY GLASS-COATED

INTRODUCTION: 61535 is a moderately coherent, light gray, clastic breccia with a thin coat of dark glass on one surface (Fig. 1). It is a rake sample collected about 45 m northeast of Plum Crater. Zap pits are rare or absent.

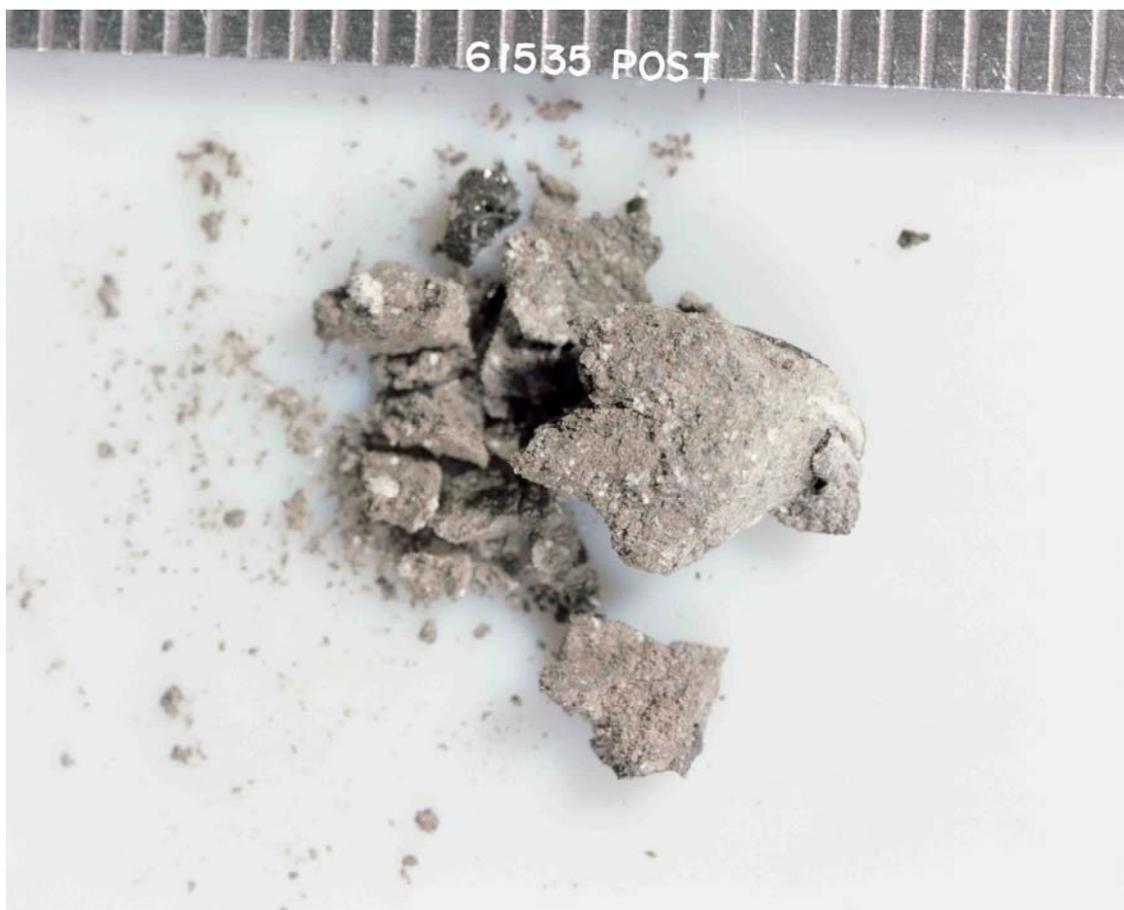


FIGURE 1. Smallest scale division in mm. S-72-55318.

PETROLOGY: The thin section of 61535 is entirely of a highly vesicular and clast-laden, glassy impact melt, presumably the glass coat (Fig. 2). This led Warner et al. (1973) to classify this rock as a “glassy breccia.”

PROCESSING AND SUBDIVISIONS: During processing in 1972 the rock crumbled to many pieces. Two of these (,1) were allocated to Phinney for thin sectioning and petrography. From data pack photos these pieces appear to have been representative of

the bulk rock although photo documentation is not complete. Apparently only the glass coat made it into the thin section.

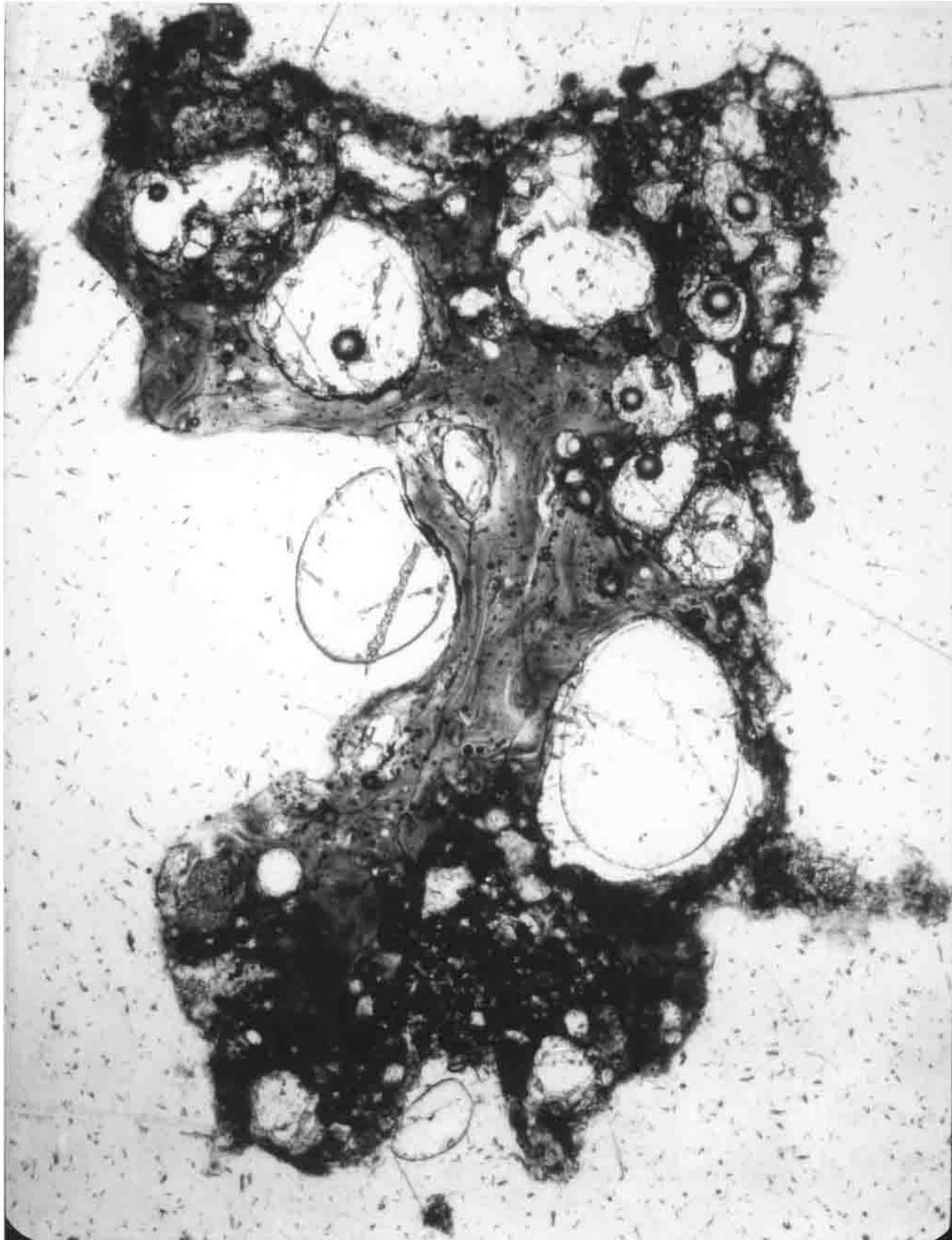


FIGURE 2. 61535,4, general view, ppl. Width 2 mm.