

**INTRODUCTION:** 61547 is a coherent, medium gray, crystalline impact melt with a few large vesicles (Fig. 1). It is angular and may be coated by dark glass. It was collected as a rake sample about 45 m northeast of Plum Crater. Zap pits are rare or absent.

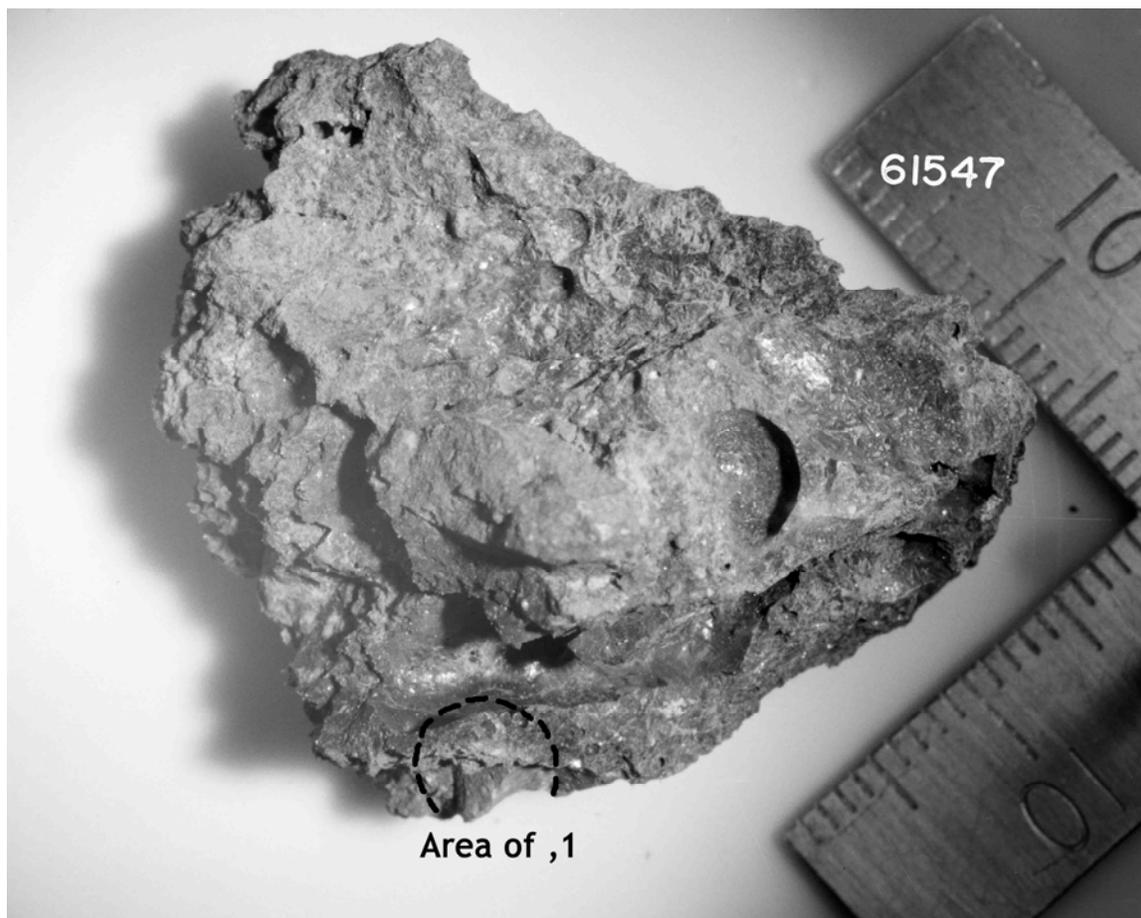


FIGURE 1. Smallest scale division in mm. S-73-17120.

**PETROLOGY:** The thin section of 61547 is dilithologic, showing a fine-grained, basaltic impact melt in sharp contact with a cryptocrystalline to glassy impact melt (Fig. 2). Clasts of the basalts are present in the glassy material indicating that the latter is probably a coat or vein.

PROCESSING AND SUBDIVISIONS: In 1973 four small chips (,1) were removed and allocated to Phinney for petrography.

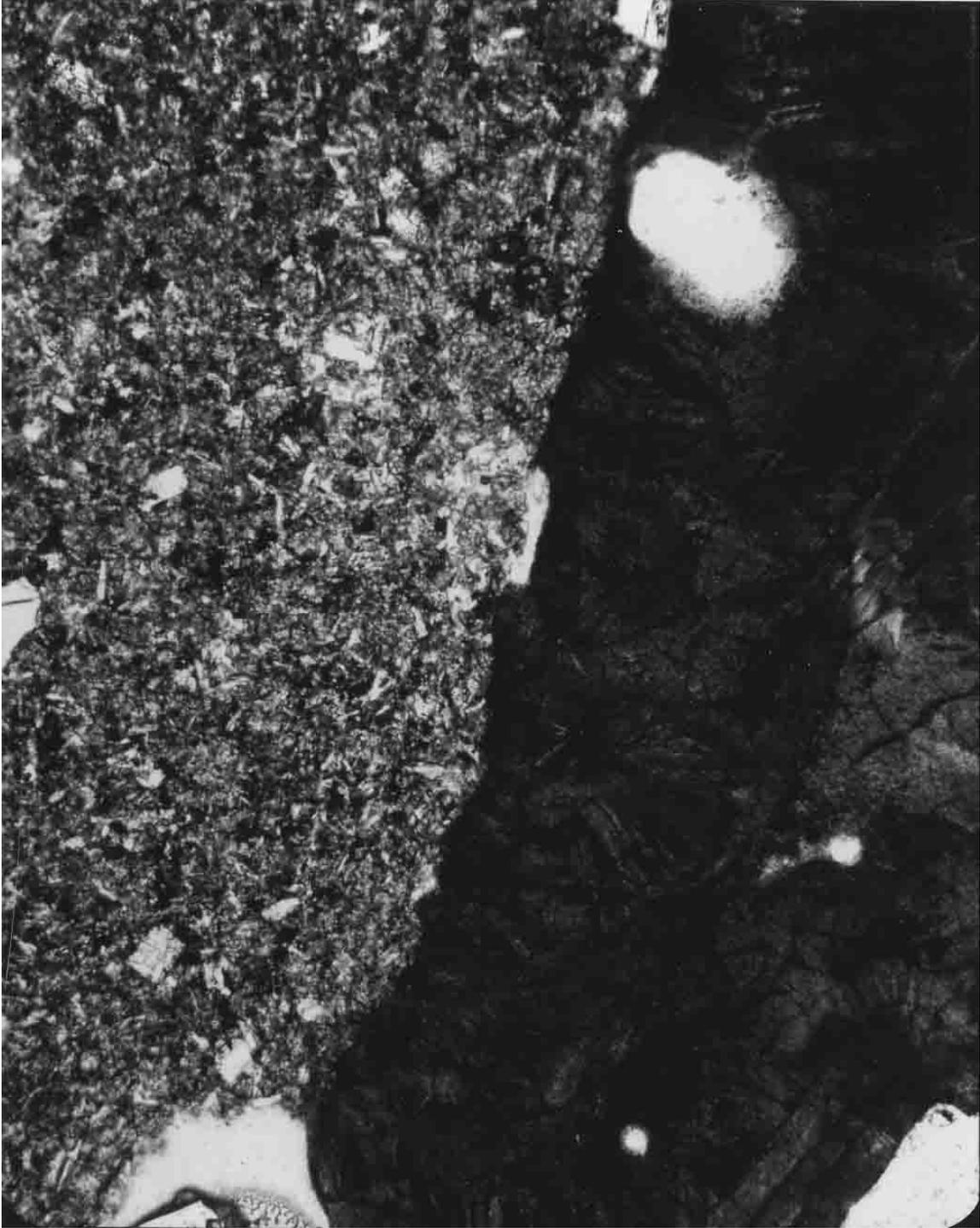


FIGURE 2. 61547,4, general view, ppl. Width 1 mm.