

INTRODUCTION: 60529 is a medium gray, coherent basaltic impact melt (Fig. 1). It is angular with ~10% vesicles. It is a rake sample collected about 50 m southwest of the Lunar Module and has rare zap pits. (The photograph labeled 60529 in Keil et al., 1972, p. 62 is actually of 60526; the correct photograph is on p. 61).



FIGURE 1. Smallest scale division in mm. S-73-20477.

PETROLOGY: Warner et al. (1976b) provide a brief petrographic description. The matrix of 60529 is a very fine-grained impact melt with spherulitic needles of plagioclase separated by a cryptocrystalline to glassy mesostasis (Fig. 2). Lithic clasts include breccia fragments and a few anorthosites, all of which show evidence of assimilation into the melt. Mineral clasts are relatively rare and also show evidence of assimilation.

PROCESSING AND SUBDIVISIONS: In 1973 two small chips were removed from this rock. One of these chips was allocated for thin sections as ,1 (Fig. 1).

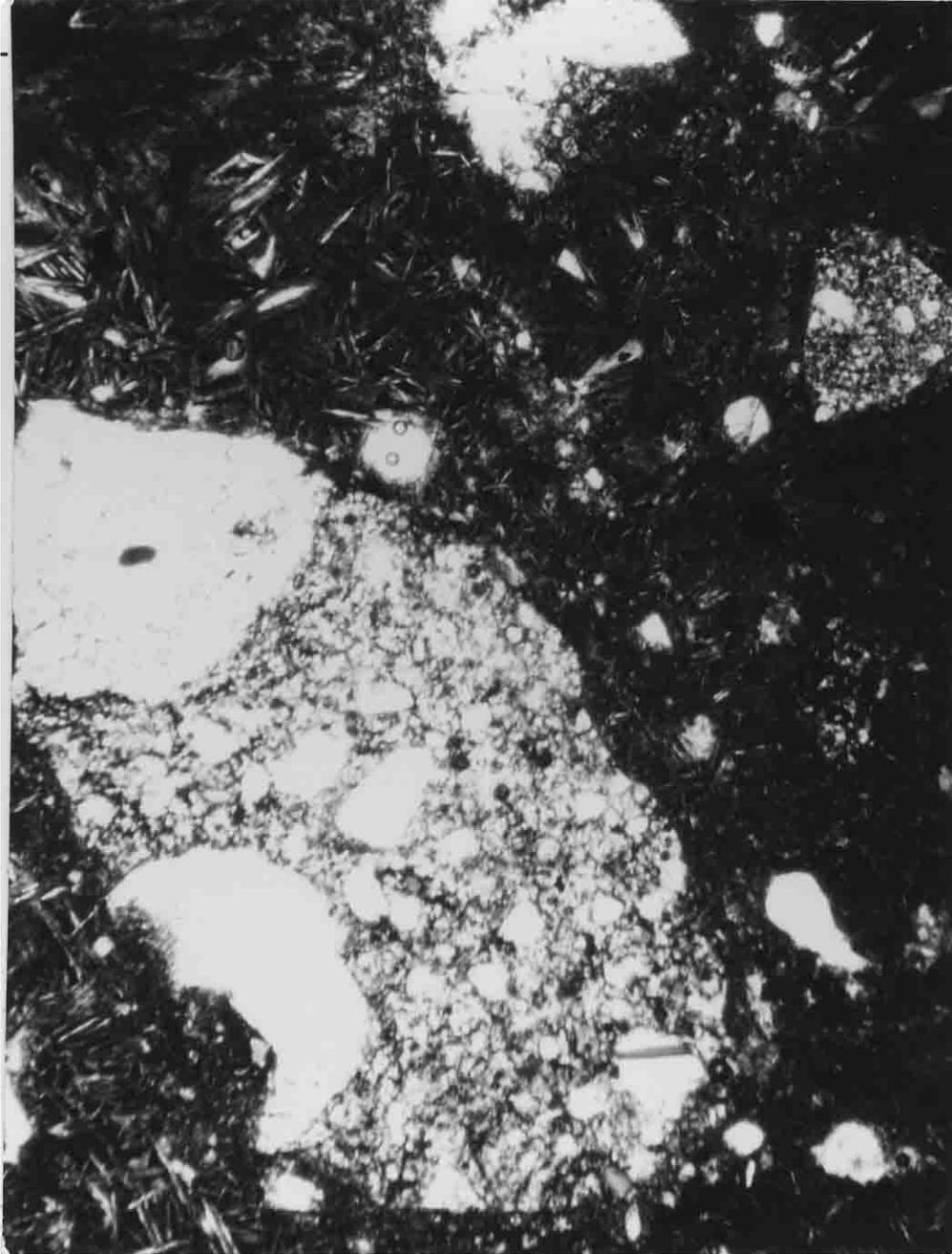


FIGURE 2. 60529,2. General view, ppl. Width 2 mm.