

63507 FRAGMENTAL REGOLITH BRECCIA, PARTIAL GLASS COAT 2.78 g

INTRODUCTION: 63507 is an olive gray, friable breccia (Fig. 1) containing regolith-derived materials. Almost 10% of its surface is coated with black vesicular glass. It was taken from a regolith sample and lacks zap pits.

PETROLOGY: 63507 is a fragmental, fine-grained breccia. It contains numerous brown glassy/aphanitic breccia fragments, spheres (and fragments of spheres) of colorless glass, and yellow/brown devitrified and clear glasses. Some vesicular, agglutinitic glass fragments are present in the sub-100  $\mu\text{m}$  size range. Lithic clasts include basaltic, aphanitic and poikilitic impact melts as well as feldspathic granulites. The sample has the characteristics of a loosely lithified regolith.

PROCESSING AND SUBDIVISIONS: A single chip (,1) of the breccia was taken to make thin sections ,13 and ,14.



FIGURE 1. S-72-38969.

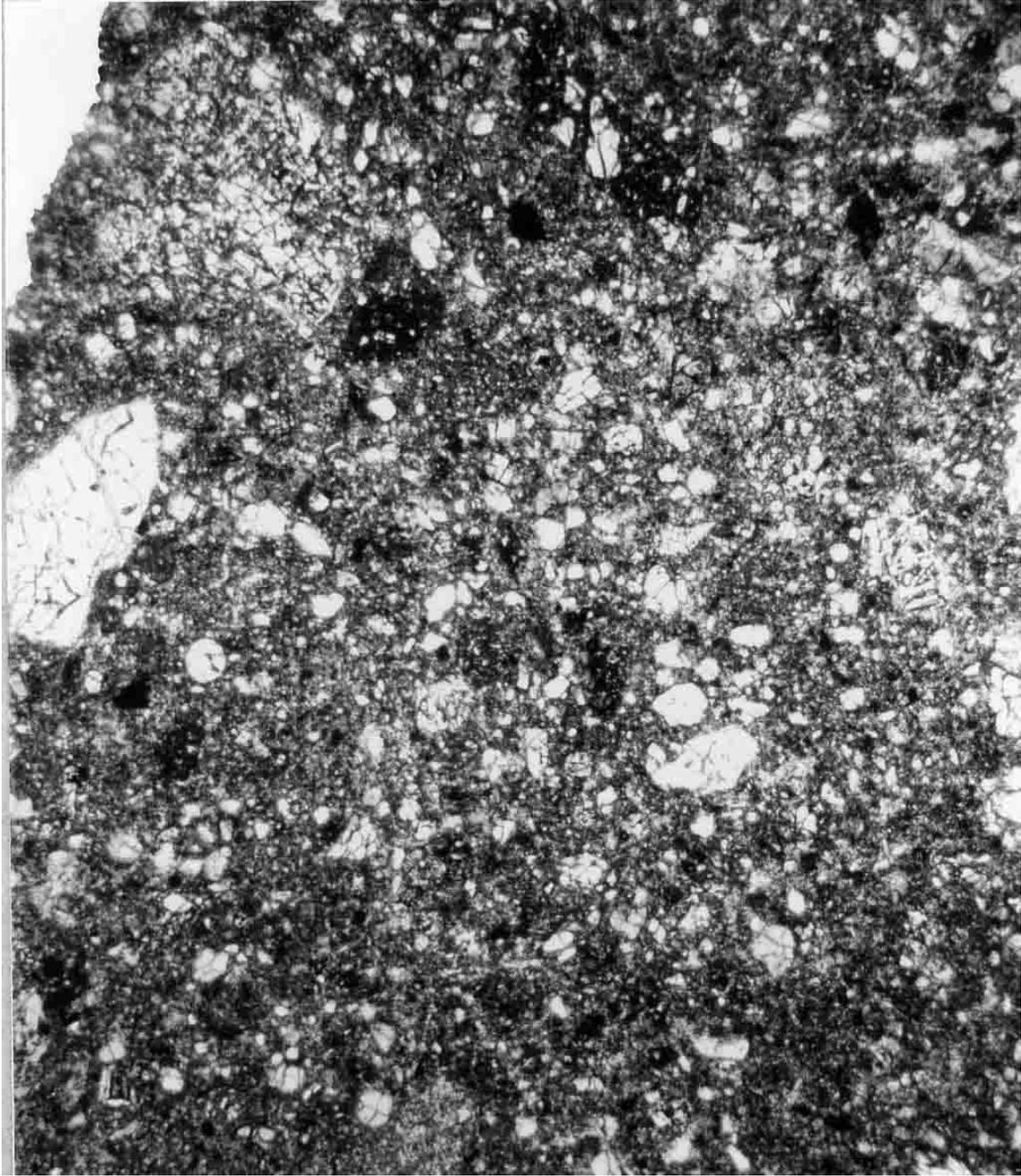


FIGURE 2. 63507,13, general view, ppl. Width 2 mm.