

INTRODUCTION: 69945 is a coherent, medium gray, poikilitic impact melt (Fig. 1). This rock was taken from a soil sample from near the 69935/55 boulder. A few zap pits and a small amount of splash glass are present on the S surface. A patch of white material (adhering soil?) coats a portion of the W surface.

PETROLOGY: 69945 is a fine-grained, poikilitic impact melt (Fig. 2). Plagioclase clasts are common; one clast of basaltic impact melt was also observed. Oikocrysts are generally <0.2 mm and tend to be necklaced by ilmenite laths. Subophitic patches in interoikocryst regions are scattered throughout the rock.

PROCESSING AND SUBDIVISIONS: In 1973, 69945 was sawn and the W end piece subdivided for allocations.



FIGURE 1. S-72-40137.

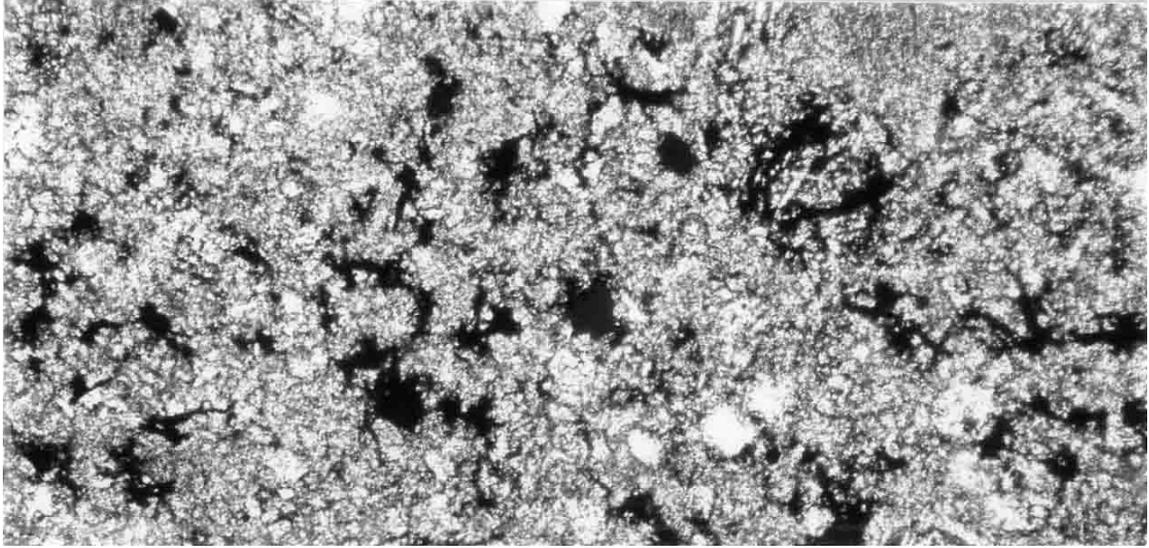


FIGURE 2. 69945,11. General view, ppl. Width 1.5 mm.