

67668

67668 POIKILITIC IMPACT MELT

3.58 g

INTRODUCTION: 67668 is a light gray, coherent, fine-grained poikilitic impact melt (Fig. 1). It is a rake sample collected 30 m east of the White Breccia boulders and is free of zap pits.



FIGURE 1. Smallest scale division in mm. S-72-49541.

PETROLOGY: Steele and Smith (1973) refer to 67668 as a “recrystallized breccia; poikilitic pyroxene matrix.” It consists of oikocrysts ~200-500 μ m in diameter enclosing plagioclase laths rarely larger than 30 μ m (Fig. 2). Interoikocryst areas contain armalcolite, Fe-metal and troilite with minor glass. Clasts of plagioclase, usually 100-200 μ m and rarely bigger, are present.

PROCESSING AND SUBDIVISIONS: Several small chips were taken to make thin section ,1.

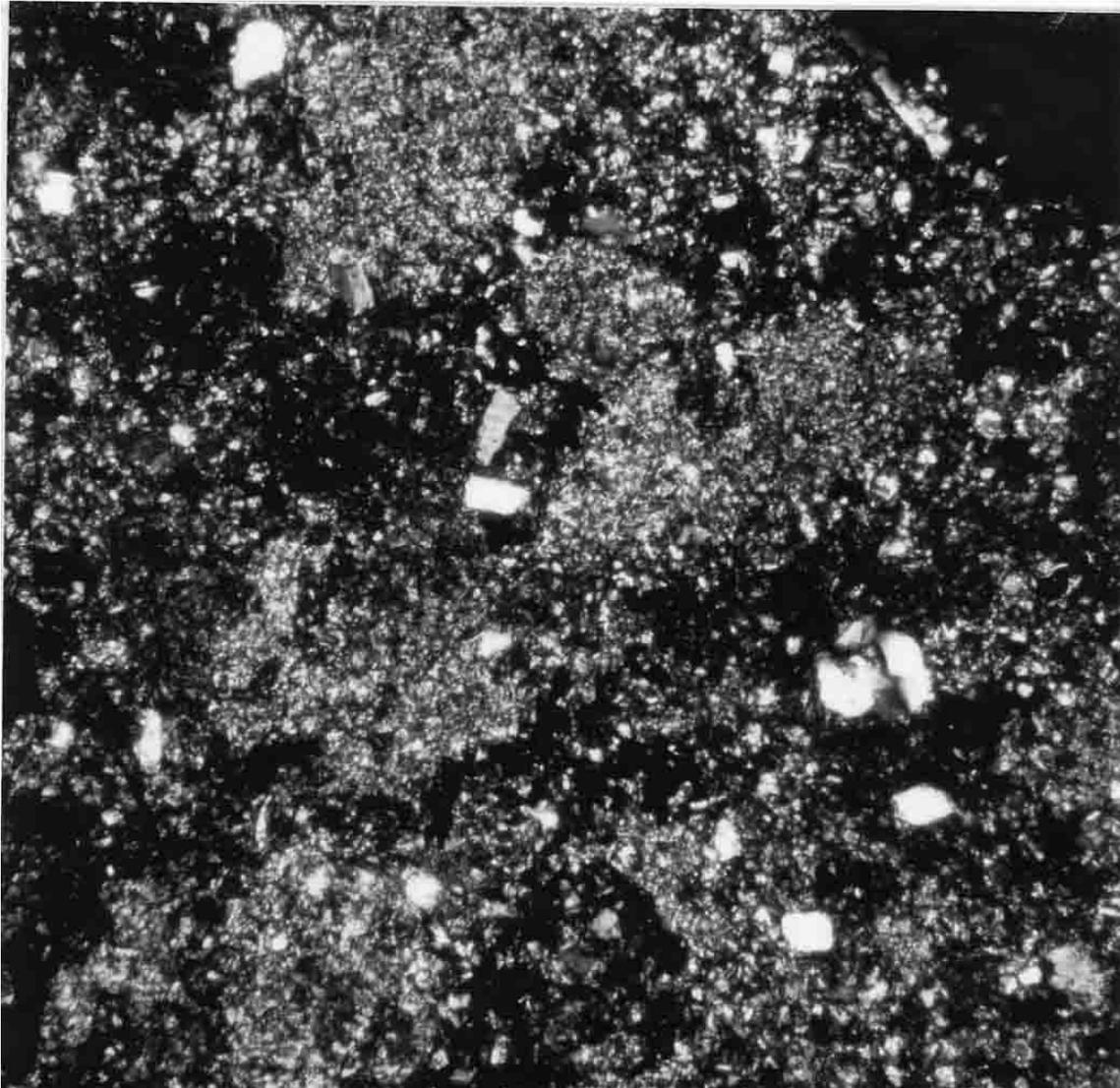


FIGURE 2. 67668,1. General view, xpl. Width 2 mm.