

INTRODUCTION: 67638 is a light gray polymict breccia which is coherent and fractured (Fig. 1). Its matrix varies from fragmental to glassy. The sample is a rake sample collected 30 m east of the White Breccia boulders and has many zap pits.

PETROLOGY: 67638 consists of polymict, coherent dark breccia, which is fairly heterogeneous (Fig. 2). The general matrix is very fine-grained and fragmental in most areas. Only about 10% of the matrix is in fragments larger than 100 μm . The clast population is more coherent than the matrix and is mainly plagioclase; lithic fragments are dominated by aphanitic impact melts but also include granulitic impactites. Brown and glassy or cryptocrystalline material intrudes the matrix in places (Fig. 2).



FIGURE 1. Smallest scale division in mm. S-72-51244.

PROCESSING AND SUBDIVISIONS: Two small chips were removed to make thin section ,1.

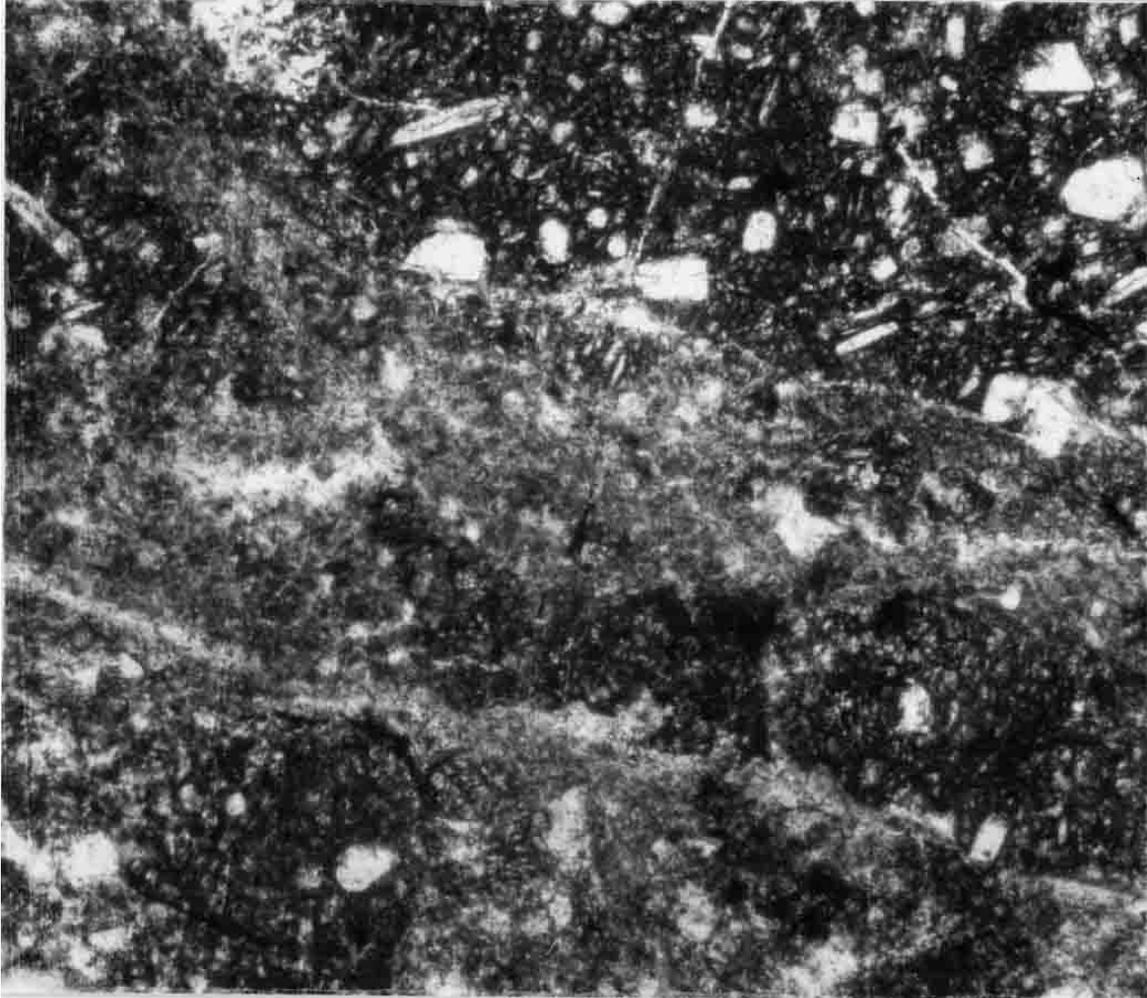


FIGURE 2. 67638,1. General view, ppl. Width 2 mm.