

INTRODUCTION: 67566 is a coherent, polymict breccia (Fig. 1) with a granoblastic groundmass enclosing mineral and lithic clasts. Its texture and mode are variable but in general the sample is more obviously polymict and feldspathic than most granulitic impactites.

67566 is a rake sample collected near the White Breccia boulders. It is angular and lacks zap pits.

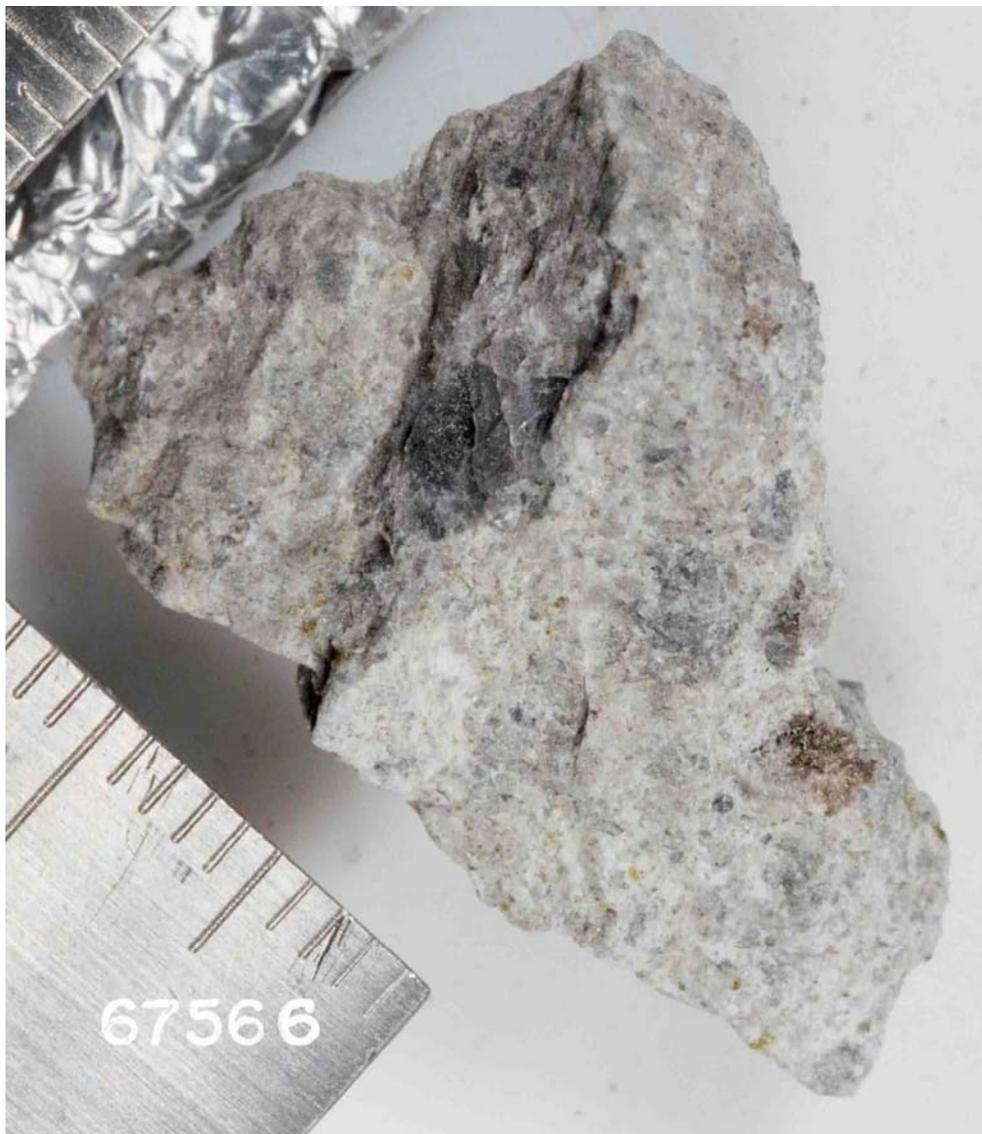


FIGURE 1. Smallest scale division in mm. S-72-51249.

PETROLOGY: Two thin sections (,1 and ,2) are similar except that ,2 is more mafic and more clast-rich. ,1 contains about 85% plagioclase, including shocked clasts, and has a fine-grained granoblastic matrix (Fig. 2). ,2 has about 65% plagioclase and about half of its larger clasts are olivine or olivine-plagioclase. Many of the clasts are angular (Fig. 2) but as in ,1, the fine-grained groundmass is granoblastic.

PROCESSING AND SUBDIVISIONS: Two chips were removed for making thin sections.

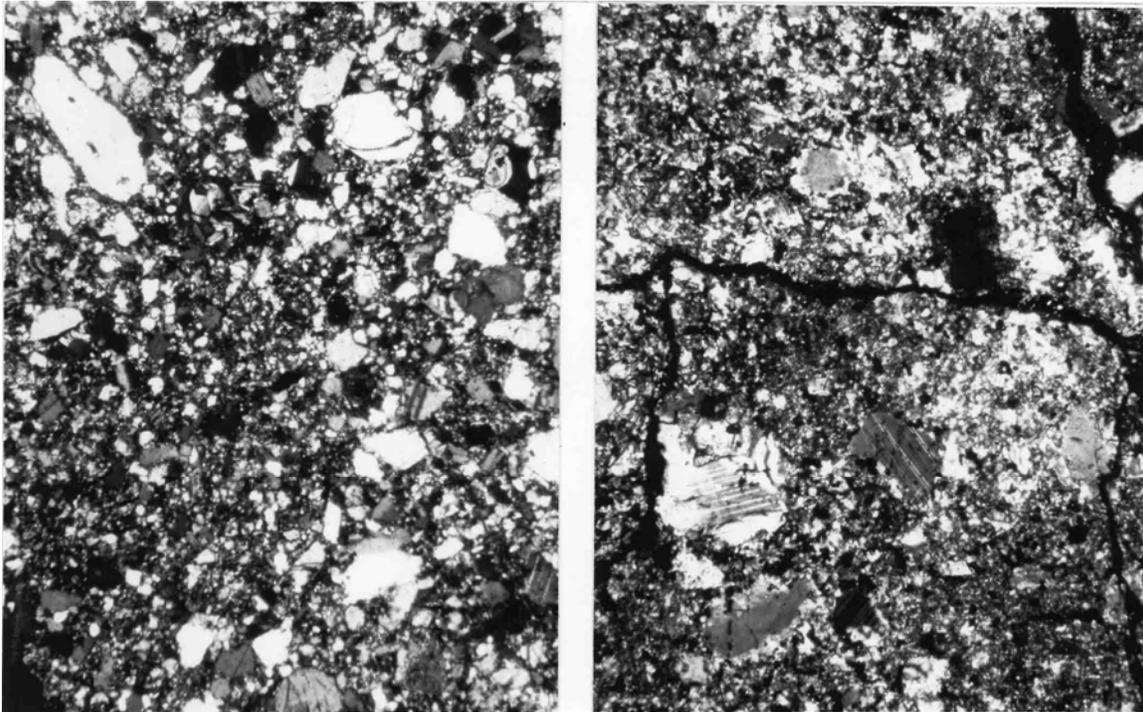


FIGURE 2. a) 67566,2. General view, xpl. Width 2 mm.  
b) 67566,1. General view, xpl. Width 2 mm.