

68526 CLAST-RICH, FINE-GRAINED, POIKILITIC IMPACT MELT 7.21 g

INTRODUCTION: 68526 is a coherent, clast-rich impact melt with a poikilitic-textured matrix. It is gray and angular (Fig. 1). It is a rake sample and has a few zap pits.



FIGURE 1. Smallest scale division in mm. S-72-51048.

PETROLOGY: 68526 consists of abundant plagioclase clasts up to 1.5 mm across in a crystalline, poikilitic matrix (Fig. 2). Chadacrysts of plagioclase are about 20 μm long, mafic oikocrysts are 200-400 μm in diameter. In interoikocryst areas plagioclase laths are up to 100 μm in length. Opaque phases are not common and are generally at the edge of oikocrysts. Plagioclase clasts larger than 100 μm account for ~30% of the rock.

PROCESSING AND SUBDIVISIONS: A single representative chip was taken to make thin section ,1.

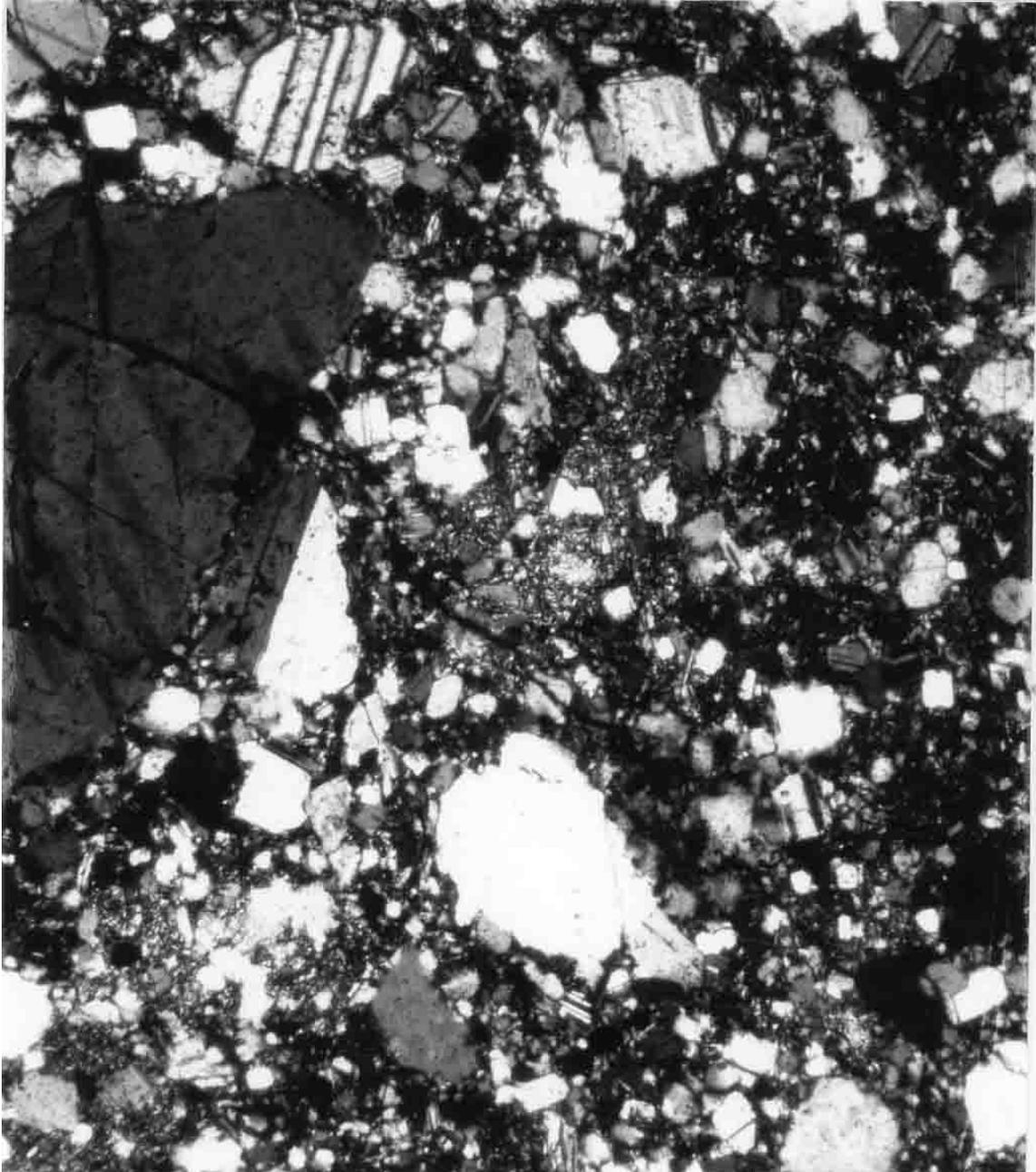


FIGURE 2. 68526,1, xpl. Width 3 mm.