

INTRODUCTION: 68517 consists of a moderately coherent, gray, polymict breccia enclosed in a shiny, vesicular, greenish glass (Fig. 1). It is a rake sample and lacks zap pits.

PETROLOGY: Steele and Smith (1973) refer to 68517 as a “vitrified soil breccia.” The core of 68517 is a plagioclase-rich breccia (Fig. 2), with lithic clasts including poikilitic impact melts. It is wrapped by a vesicular, clear to partly-devitrified glass; during this coating the enclosed breccia seems to have flowed, and the breccia-glass contact is indistinct. A few stringers of gray glass cut the breccia; the relationship of this glass to the coating glass is unknown.

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

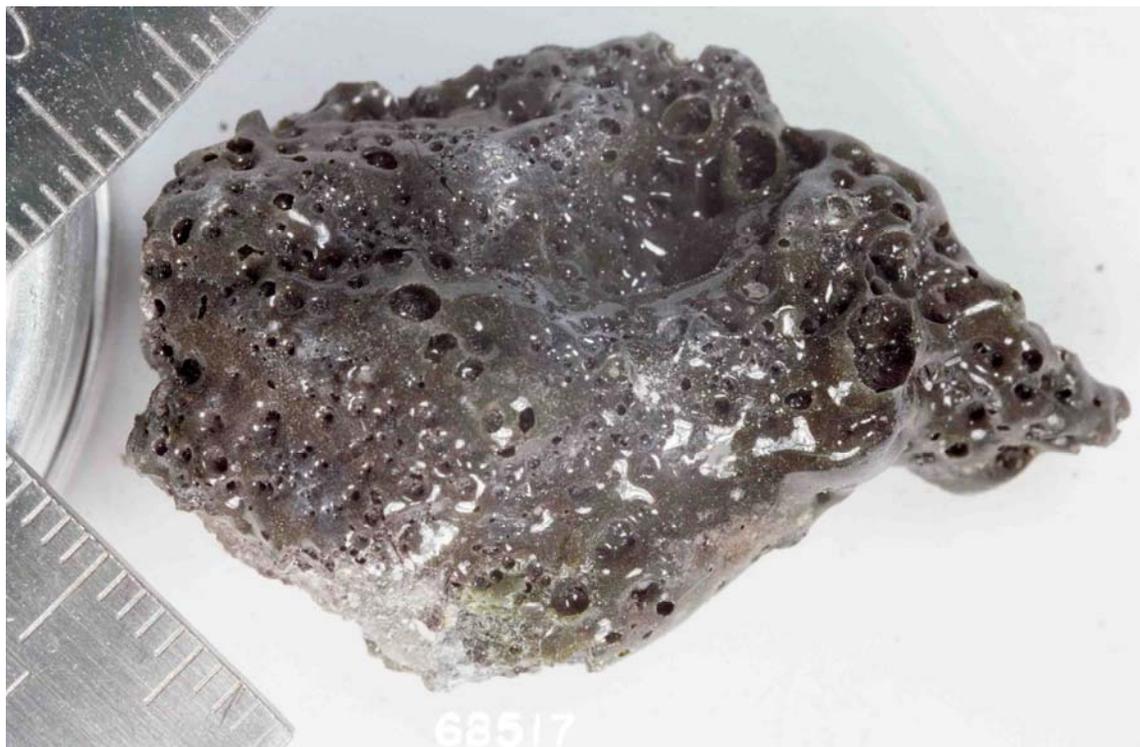


FIGURE 1. Smallest scale division in mm. S-72-51260.

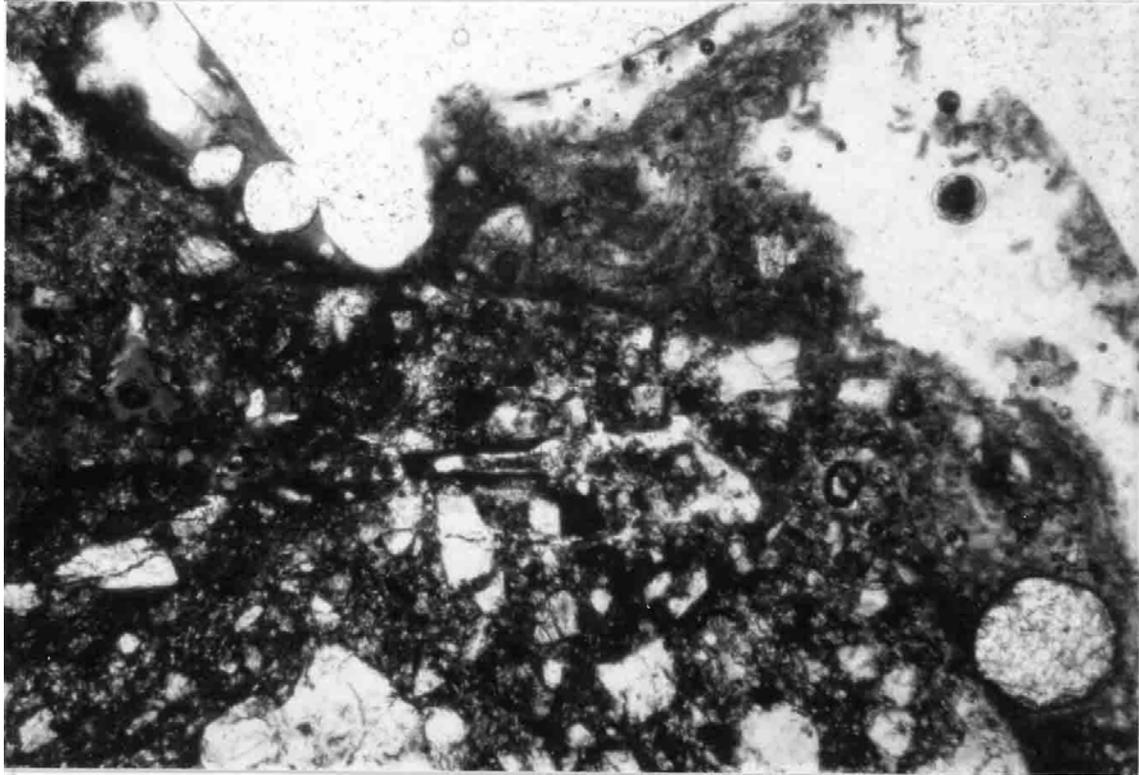


FIGURE 2. 68517,1, ppl. Width 3 mm.