

INTRODUCTION: 63526 is a dark, homogeneous, coherent, fine-grained impact melt (Fig. 1). It is a rake sample and has zap pits.

PETROLOGY: 63526 is a brownish fine-grained impact melt with a seriate distribution of clasts down to very tiny (Fig. 2). The clasts are mainly unshocked plagioclases with rounded corners and ragged edges. The lithic clasts are usually small, but in thin sections ,9 and ,10, half the area is a poikiloblastic feldspathic impactite with a heterogeneous texture (Fig. 2). Phinney et al. (1976) in a SEM study, note that the matrix lacks glass, contains about 5% vugs and vesicles, and consists of subhedral plagioclases up to 10 μm across and anhedral low-Ca pyroxene up to 2 μm across.

PROCESSING AND SUBDIVISIONS: A small representative chip ,6 was made into thin sections ,9 - ,12. Another small chip ,7 was individually numbered.

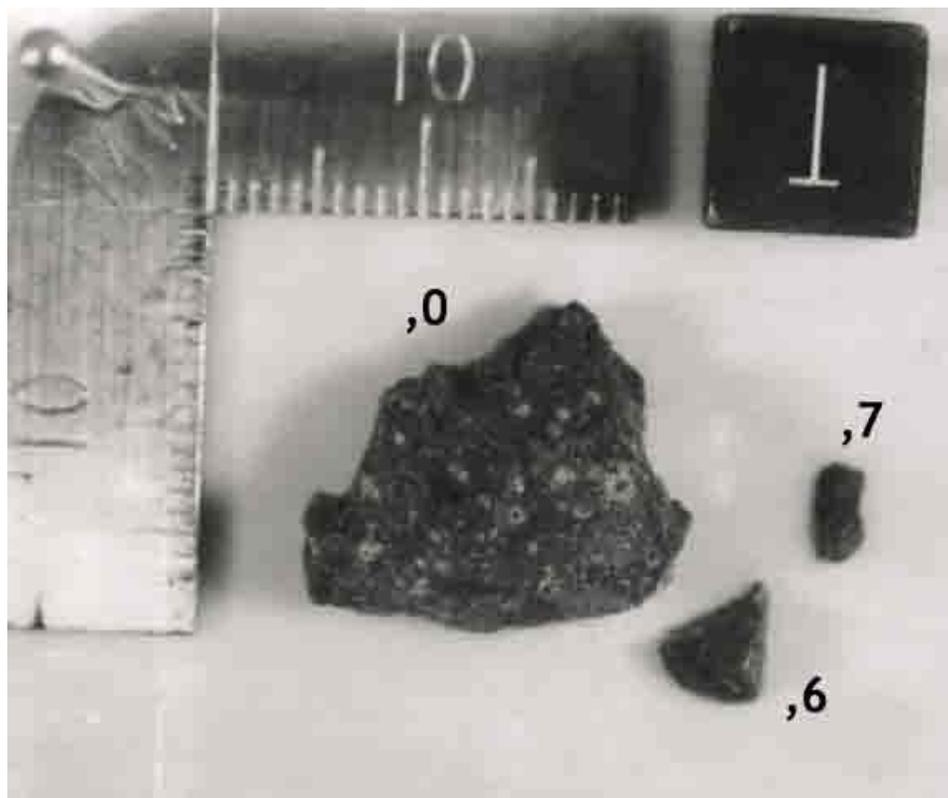


FIGURE 1.

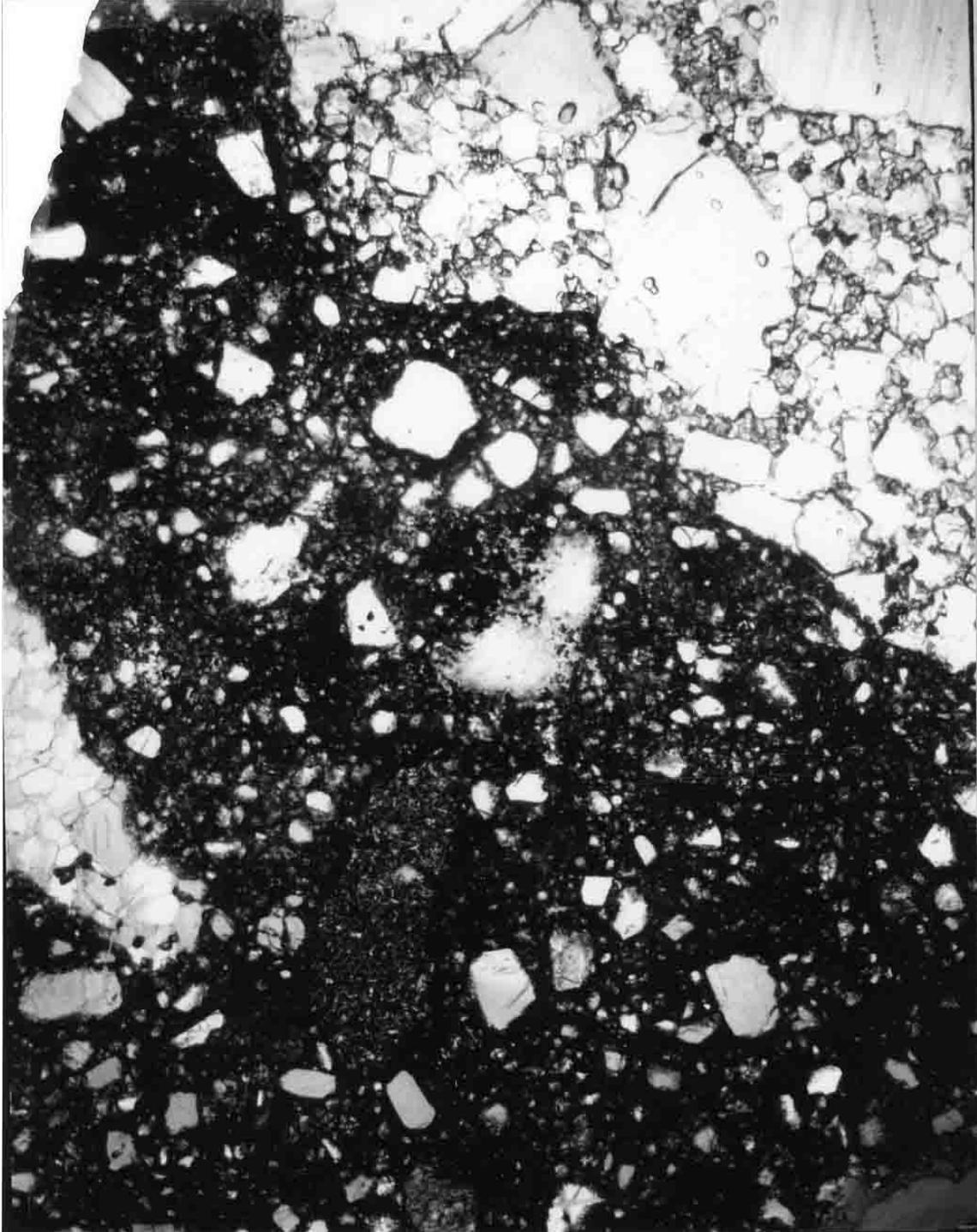


FIGURE 2. 63526,9, general view, ppl. Width 2 mm.