

INTRODUCTION: 67945 is a light gray, fine-grained impact melt (Fig. 1) with a subophitic to poikilitic texture and a small piece of adhering glass coat (?) and veins. It was collected from the regolith at the east-west split of House and Outhouse Rocks (see 67915, Fig. 1). Its orientation is unknown and it lacks zap pits.



FIGURE 1. S-72-38977.

PETROLOGY: 67945 is an impact melt with a micropoikilitic to microsubophitic texture (Fig. 2). Plagioclase laths are mainly $\sim 30 \mu\text{m}$ long with pyroxenes partly enclosing them. Some interstitial glass, laths of ilmenite, and Fe-metal are present. A few plagioclase clasts (less than $200 \mu\text{m}$) and a $400 \mu\text{m}$ diameter pink spinel clast are present.

PROCESSING AND SUBDIVISIONS: A single chip (,1), typical except that it lacks glass, was taken to make thin sections ,13 - ,15.

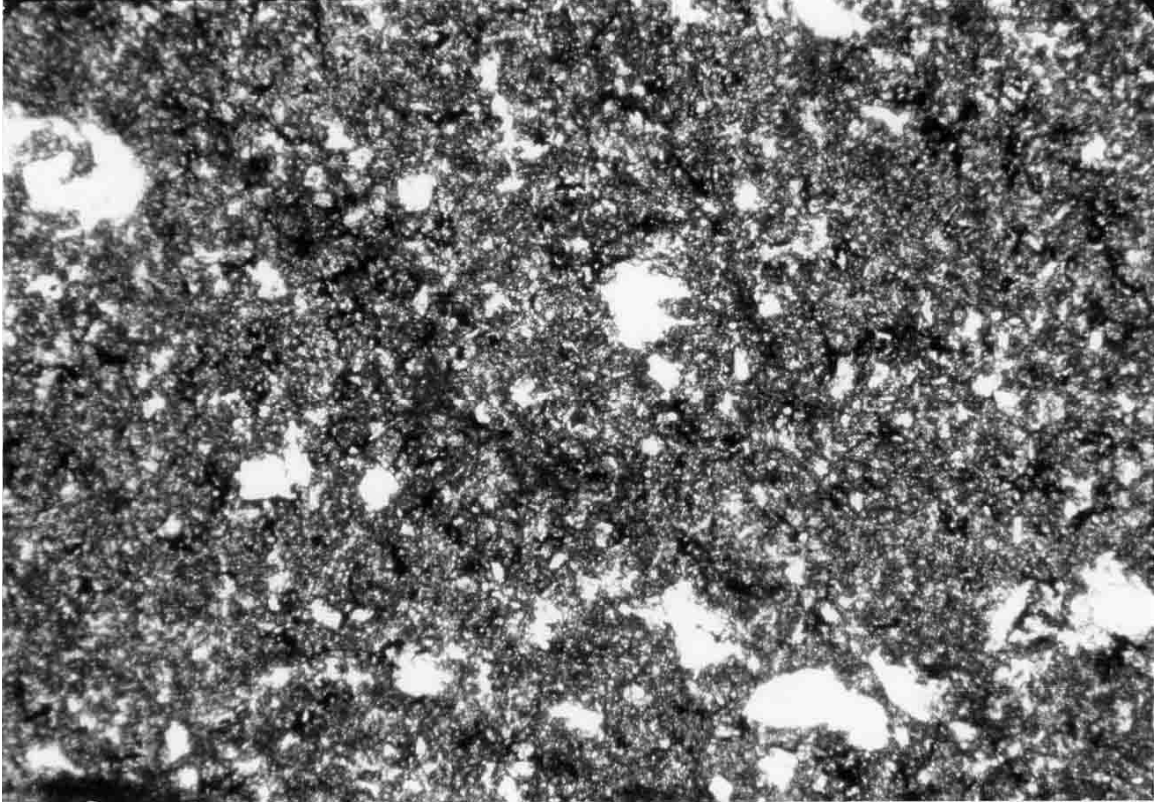


FIGURE 2. 67945,14, ppl. Width 3 mm.