

INTRODUCTION: 64478 is a coherent, medium dark gray breccia with abundant clasts, coated with a highly vesicular glass (Fig. 1). The matrix is probably poikilitic impact melt. It was collected from the rim of a subdued doublet crater. Zap pits are absent.

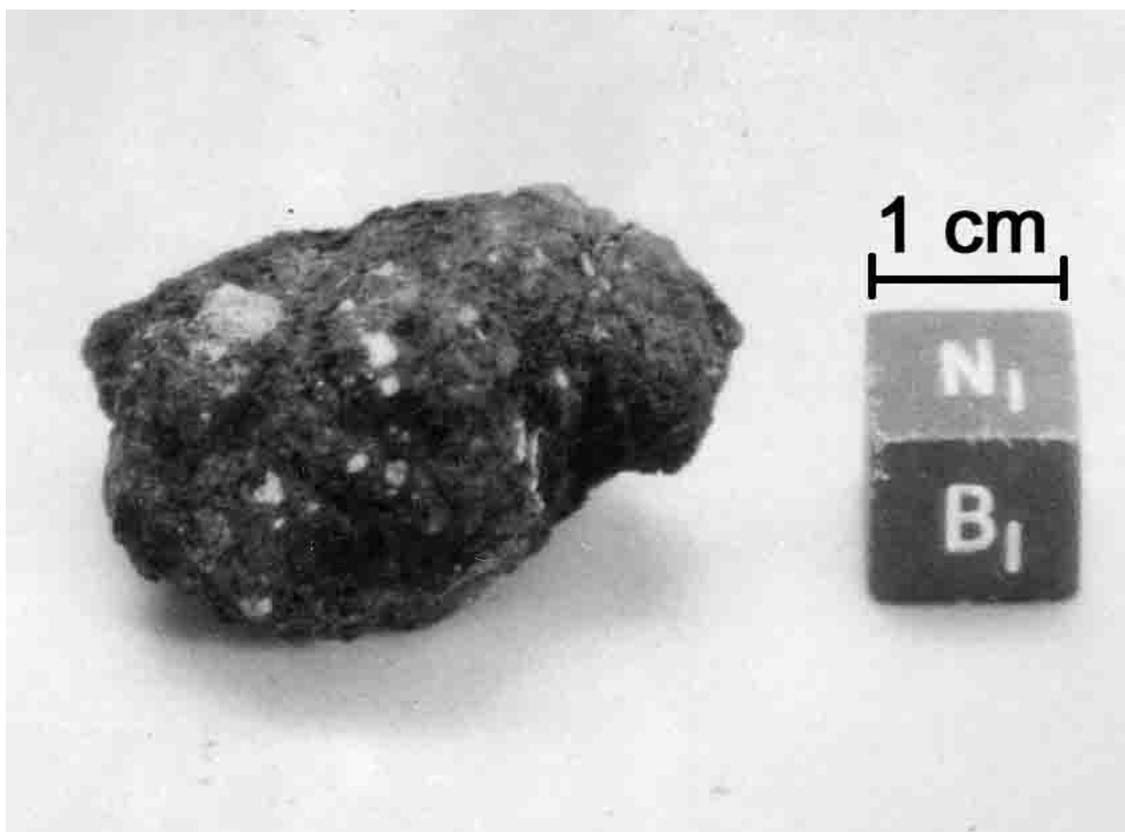


FIGURE 1.

PETROLOGY: The thin sections of this rock are dominated by a coarse-grained (plagioclases up to 2 mm) anorthositic breccia partially surrounded by fine-grained poikilitic impact melt (Fig. 2). The breccia is probably a clast in the impact melt. Brown glass veins cut both the breccia and the impact melt.

PROCESSING AND SUBDIVISIONS: In 1972 three small chips (,1) were removed and made into thin sections ,13 and ,14.

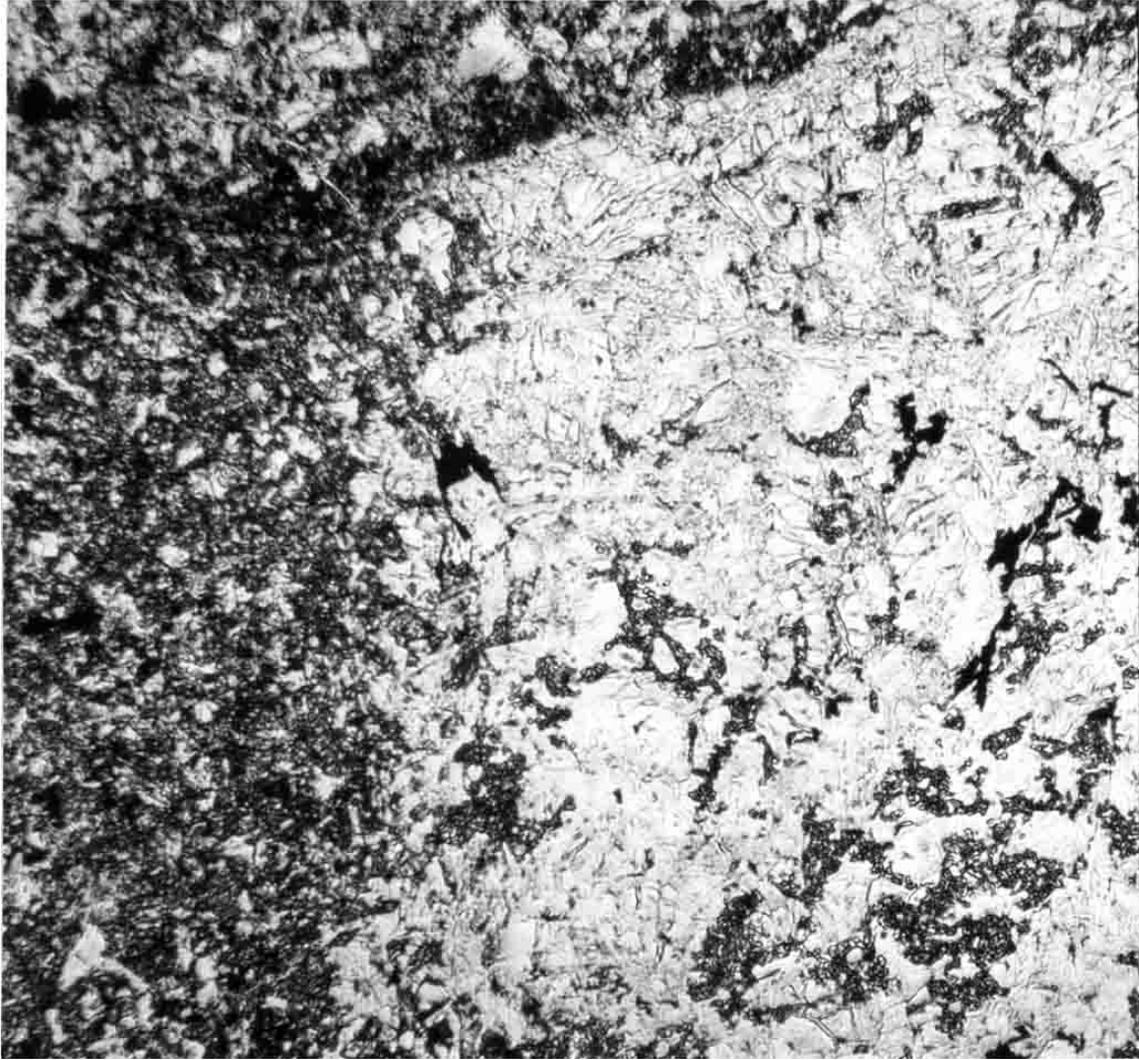


FIGURE 2. 64478,13, general view, ppl. Width 2 mm.