

65755 GLASSY IMPACT MELT (?) OR REGOLITH BRECCIA (?) 1.42 g

**INTRODUCTION:** 65755 is a brownish gray, friable breccia with abundant white clasts and at least one glass spherule (Fig. 1). Macroscopically this rock appears to be a typical clastic soil clod, but thin sections reveal a considerable amount of continuous glassy matrix. It is a rake sample and lacks zap pits.

**PETROLOGY:** Warner et al. (1976b) provide a brief petrographic description. Lithic and mineral fragments rest in a dark matrix which grades from cryptocrystalline to clear glass (Fig. 2). Lithic clasts include several fragments of basaltic impact melt, various breccias and cataclastic anorthosites. All clasts show some evidence of assimilation by the melt matrix.



FIGURE 1. Smallest scale division in mm.

PROCESSING AND SUBDIVISIONS: In 1973 a single chip (,1) was taken for thin sections.



FIGURE 2. 65755,3. General view, partly xpl. Width 2 mm.