

**76135****Vesicular Poikilitic Impact Melt Breccia****133.5 g, 7 x 6 x 4cm****INTRODUCTION**

Sample 76135 was scooped from the soil next to turning point rock (LRV 10)-the astronauts were attempting to get a piece of turning point rock by sampling the fillet next to it. Turning point rock is a boulder that rolled down from (or was blasted off of) North Massif. Chao et al. (1975) believe that 76135 may be similar to 76055, but it is lighter in color and more vesicular.

**PETROGRAPHY**

Sample 76135 is a vesicular, clast bearing, poikilitic impact melt breccia (Fig. 1). It has two populations of vesicles, large (1 cm) and small (>1 mm). Both show "frosted" crystalline interiors. These crystal-lined interiors deserve SEM study. The poikilitic matrix includes many small mineral clasts (Fig. 2).

There are no other studies of 76135 reported to date.

There are only three thin sections of 76135

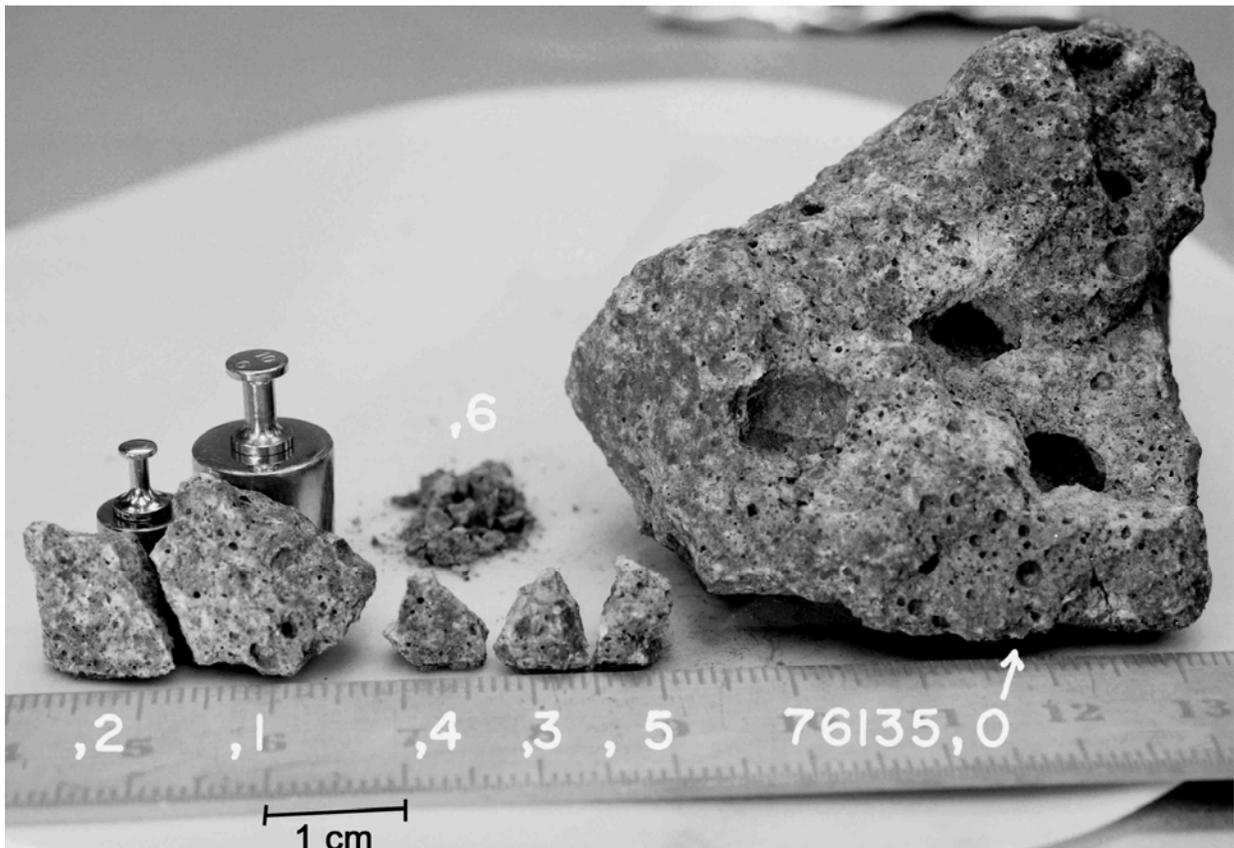


Figure 1: Vesicular poikilitic impact melt breccia 76135. Scale is 1 cm. S74-25040.

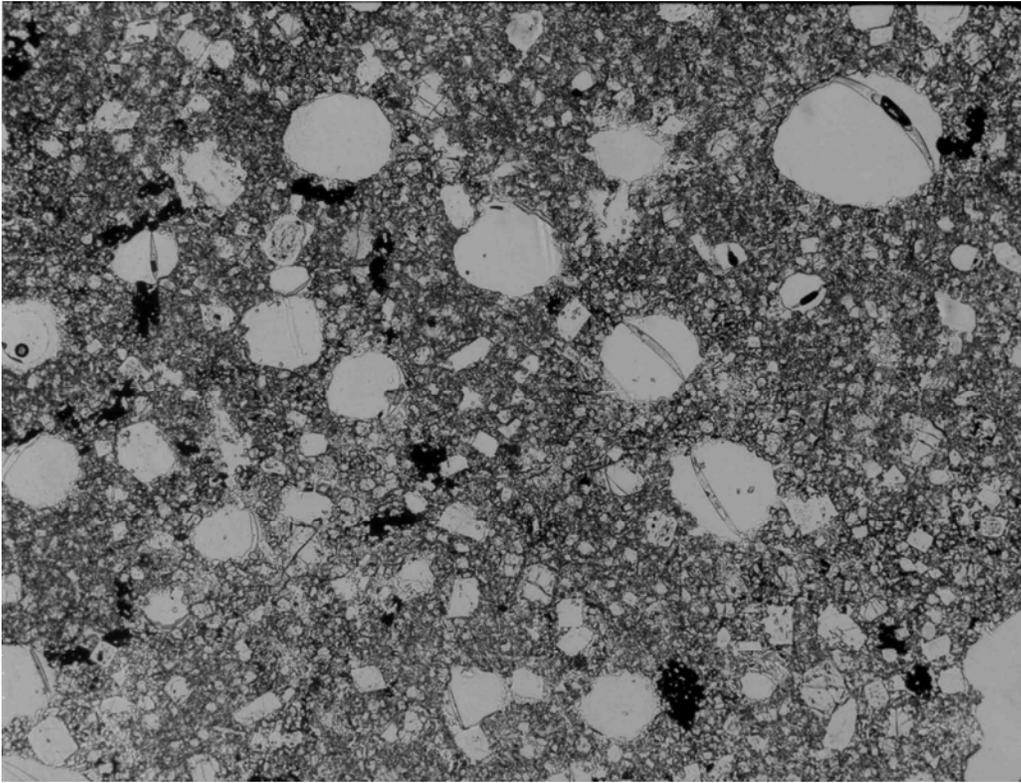


Figure 2: Photomicrograph of the poikilitic texture of 76135. Scale is 4 x 5 mm.