

77537**Impact Melt Breccia****71.7 g, 5 x 4.5 x 3cm****INTRODUCTION**

Sample 77537 is a rake sample from soil 77530 at Station 7 (Fig. 1). It is a dark grey, vesicular impact melt breccia.

PETROGRAPHY

Keil et al. (1974) provided a brief description of 77537. It is coherent

without fractures and has about 10-20% vesicles ranging in size from <1 mm to more than 15 mm. Some of the small vesicles are in the walls of the large ones. The large cavities have a preferred orientation.

Clasts in 77537 are difficult to discern and are welded into the matrix.

No thin sections of 77537 have been prepared.

WHOLE-ROCK CHEMISTRY

The chemical composition of 77537 has not been determined.

Sample 77537 has micrometeorite craters on all sides.

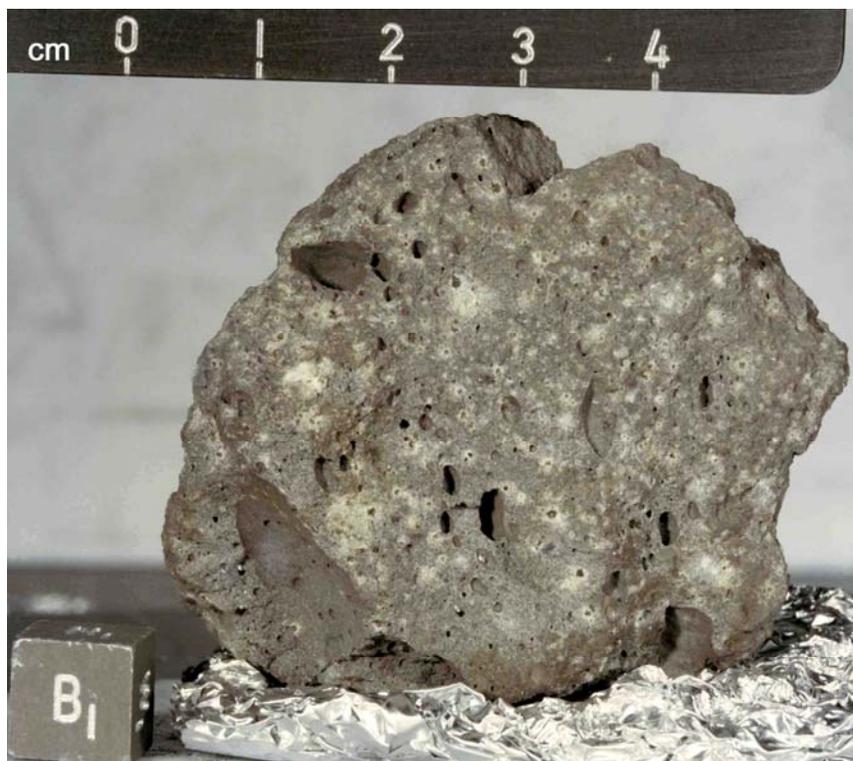


Figure 1: Photograph of 77537. Scale is 1 cm. S73-19145.