77537
Impact melt Breccia
71.7 grams

Figure 1: Photo of 77537 T1. Scale in cm. S73-19144.

Figure 2: Photo of 77537 B1. Scale in cm. S73-19145.
Introduction
77537 is a rake sample from station 7, Apollo 17. It appears to be another impact melt rock, but there are no thin sections nor other allocations. It has zap pits on all sides (figures 1 – 3).

Petrography
Keil et al. (1974) and Meyer (1994) gave brief descriptions of 77537. It is coherent without fractures and has 10-20% vesicles ranging in size from <1 mm up to 15 mm. Clasts are difficult to discern.

Based on comparison with other samples from this location, this rock is an impact melt rock.

Chemistry
None

References for 77537.

Keil K., Dowty E. and Prinz M. (1974) Description, classification and inventory of 113 Apollo 17 rake samples from stations 1A, 2, 7 and 8. Curator’s Catalog, pp. 149.

