**61546**
Glass Matrix Breccia
110.7 grams

**Introduction**
61546 was collected as a rake sample from near Plum Crater (figure 2) – see section on 61500. It is a vesicular chunk of glass with numerous small white clast. (figure 1 a,b). There are micrometeorite craters on one side only.

**Petrography**
The interior matrix of 61546 is an apahnite melt that has partially crystallized. It is probably an impact melt from a small crater in the regolith. Hunter and Taylor (1980) report minor rust.

*Figures 1 a,b: Front and back of 61546. Cube is 1 cm. S72-43422 and 424.*
References for 61546


Phinney W. and Lofgren G. (1973) Description, classification and inventory of Apollo 16 rake samples from stations 1, 4 and 13. Curators Office.

Ryder G. and Norman M.D. (1980) Catalog of Apollo 16 rocks (3 vol.). Curator’s Office pub. #52, JSC #16904


Figure 2: Photomicrograph of thin section of 61546 by C Meyer.