

**70018**  
Regolith Breccia  
51.9 grams



*Figure 1: Photo of 70018. S73-16148. Cube is 1 cm*

**Introduction**

Sample 70018 was collected near the Lunar Module, probably from one of the glass-bottom craters mentioned by the astronauts (Wolf et al. 1980). It was brought back as a “loose rock” in SCB1. There are probably more pieces of it in the residue of this bag (71010).

It has not been studied.

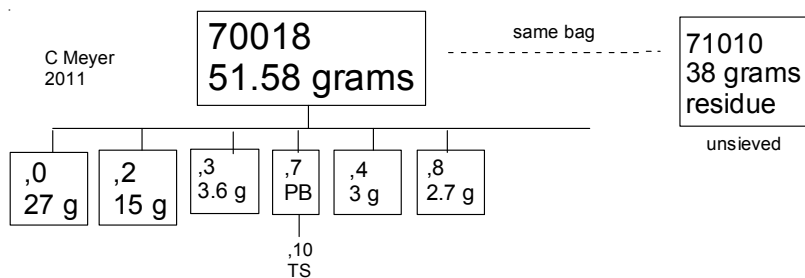
**Petrography**

The photos of 70018 show that it is a coherent regolith breccias with white clasts in a black matrix. It has a thin glass coating which is reported to have a few zap pits (Butler 1973).

A one large white clast outcrops on the T1 surface (figure 1).



*Figure 2: Another view of 70018. S73-15329*



### **Chemistry**

None reported, although it has been allocated to Randy Korotev.

### **Processing**

There is only 1 thin section for 70018.

### **References for 70018**

Butler P. (1973) **Lunar Sample Information Catalog Apollo 17**. Lunar Receiving Laboratory. MSC 03211 Curator's Catalog. pp. 447.

Muehlberger et al. (1973) Documentation and environment of the Apollo 17 samples: A preliminary report. *Astrogeology* 71 322 pp superceded by *Astrogeology* 73 (1975) and by Wolfe et al. (1981)

Muehlberger W.R. and many others (1973) Preliminary Geological Investigation of the Apollo 17 Landing Site. *In Apollo 17 Preliminary Science Report*. NASA SP-330.

Neal C.R. and Taylor L.A. (1993) **Catalog of Apollo 17 rocks**, central valley. Volumes 2 and 3. Curators Office #26088 JSC, Houston.

Wolfe E.W., Bailey N.G., Lucchitta B.K., Muehlberger W.R., Scott D.H., Sutton R.L and Wilshire H.G. (1981) The geologic investigation of the Taurus-Littrow Valley: Apollo 17 Landing Site. US Geol. Survey Prof. Paper, 1080, pp. 280.