70018

Regolith Breccia

51.9 grams

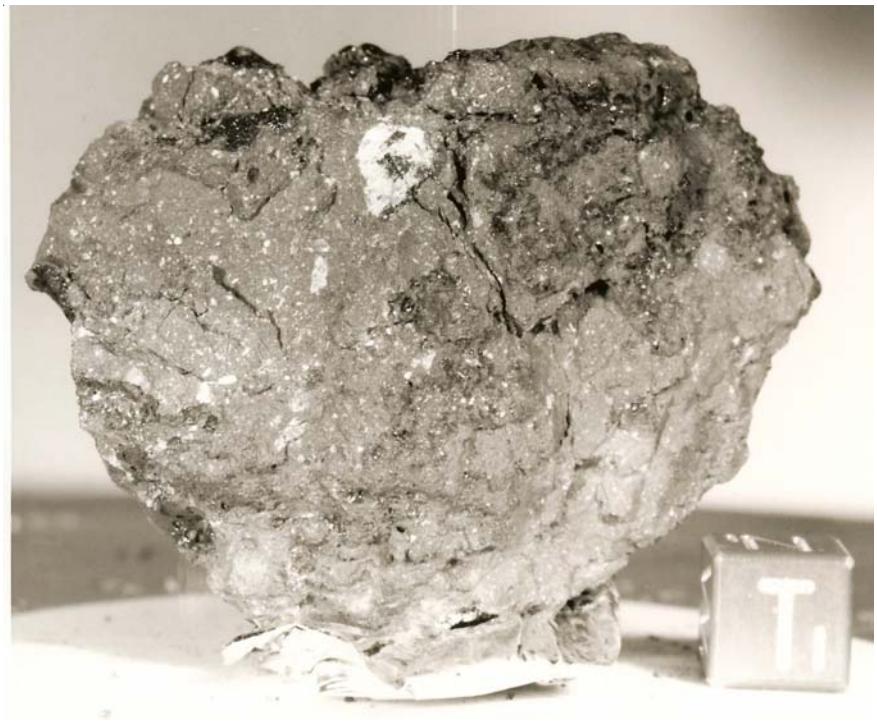


Figure 1: Photo of 70018. S73-16148. Cube is 1 cm

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).

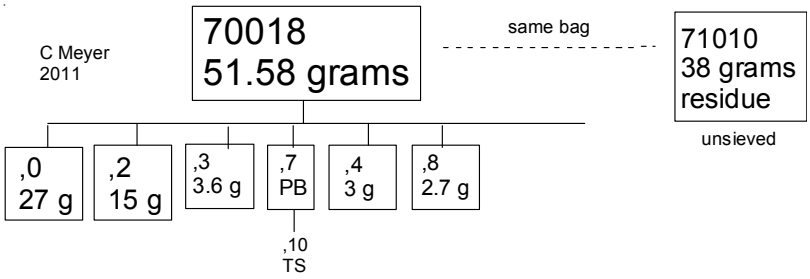
It has not been studied.

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 whish is reported to have a few zap pits (Butler 1973).

A one large while 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 superceeded by Astrogeolgy 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.