

14059

Sample 14059 was collected during the second EVA from station E. It was placed in bag 15N by the astronauts, and returned in ALSRC 1006 along with samples 14055-14062.

PHYSICAL CHARACTERISTICS

Mass	Dimensions
8.68 g	1.2 x 1.2 x 1.0 cm

This sample consists of two pieces, the larger of which is very irregular in shape and the smaller, subrounded. The dimensions given are those of the larger piece.

SURFACE FEATURES

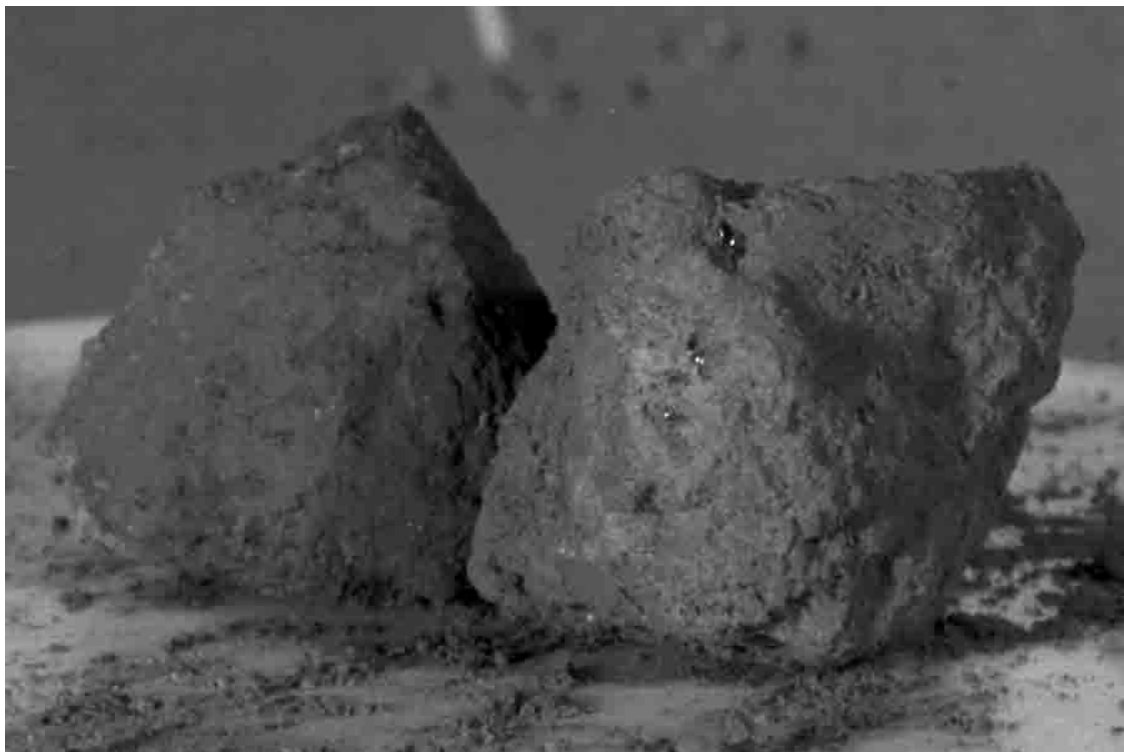
All surfaces are pitted, but only one glass-lined pit was seen. The pits range from 0.1 to 1.0 mm in size.

PETROGRAPHIC DESCRIPTION

Sample 14059 is fine-grained, with an average grain size of 0.05 mm. It is extremely friable and is homogeneous in texture and mineralogy. It is medium gray in color and resembles 14056 and 14057. All grains are smaller than 1 mm. The matrix consists of plagioclase laths, mineral fragments, brown and green glass, and leucocratic lithic fragments. The largest lithic fragments are 0.4 mm in size. A possible glass vein cuts one of the samples.

DISCUSSION

The sample is too friable for cutting and can only be sectioned by impregnation.



Width of image approximately 3 cm; S-71-26080