

# 14196

## PHYSICAL CHARACTERISTICS

Mass

3.93 g

Dimensions

2.5 x 1.5 x 1.5 cm

Sample 14196 is a friable, polymict breccia similar to 14051 or 14066.

## SURFACE FEATURES

No zap pits or vugs are present, but sparsely distributed clast molds up to 1 mm in size are present.

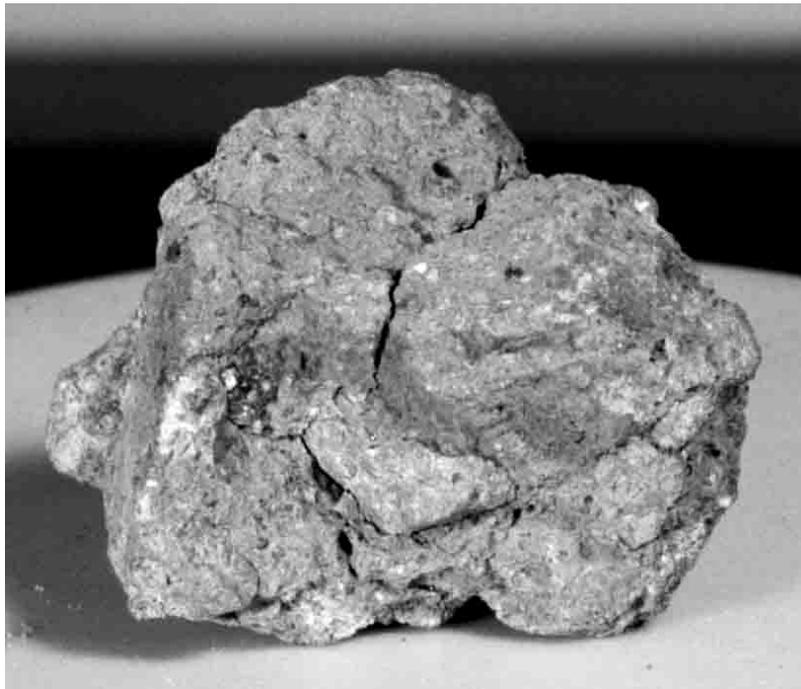
One set of non-planar fractures with one member is present. The fractured surface shows no differences in rock texture from elsewhere on the sample.

## PETROGRAPHIC DESCRIPTION

Sample 14196 is a fine grained, polymict breccia with an average grain size of approximately 0.1 mm. It is composed of 5% clasts larger than 1 mm and 95% matrix less than 1 mm. Of the clasts, 20% are mineral fragments and 80% are lithic fragments. Mineral fragments are bottle-green, yellow-brown, and many angular dark gray glassy-looking fragments.

Lithic fragments include angular, dark brown to black vesicular glass fragments; friable leucocratic rock fragments composed of 70% plagioclase and 30% olivine and pyroxene, and medium-to-dark-gray glassy clasts.

The matrix is fine grained and light-to-medium-gray. It consists of plagioclase, mafic minerals, and black, angular glass 0.2 to 0.5 mm in size, as well as fine grained fragments similar to the clasts.



Width of image is approximately 3 cm, S-71-27000