

## 14266

### PHYSICAL CHARACTERISTICS

Mass

6.95 g

Dimensions

2.0 x 2.0 x 1.0 cm

Sample 14266 is a light medium gray, rounded, slabby, tough, fragmental matrix, polymict breccia.

### SURFACE FEATURES

Glass lined zap pits up to 1 mm in diameter are present on all but one surface. The sample is smooth except on one side, which is hackly. There are very few non-penetrative fractures.

### PETROGRAPHIC DESCRIPTION

The sample is homogeneous with a seriate texture. It is made up of 50 - 55% light gray material which has a sugary texture and appears to be a mixture of white and gray grains in the 0.1 - 0.2 mm size range. Gray lithic clasts from 1 - 3 mm in size make up 40% of the sample. These lithic clasts are subangular to subrounded and appear to be breccias with a gray aphanitic matrix and a few small white fragments. There are three kinds of mineral fragments. The most abundant (5% of the sample) is white plagioclase grains in various degrees of crushing. One grain has a cleavage face approximately 1 mm across. The plagioclase grains are subangular to subrounded and range from less than 1.0 to 3.0 mm. Light green olivine grains are also present (< 1% of sample) and are subrounded in shape. Light brown pyroxene grains are subrounded and occur in less than 1% of the sample.



Width of image is 2.5 cm, S-71-26356