

14288

PHYSICAL CHARACTERISTICS

Mass

3.44 g

Dimensions

0.7 x 1.3 x 1.7 cm

Sample 14288 is a medium dark gray, vitric [matrix]breccia. It is blocky and angular in shape and is coherent.

SURFACE FEATURES

Glass lined zap pits, up to 1.0 mm in diameter, are present on all sides. There are many, penetrative fractures on the sample.

PETROGRAPHIC DESCRIPTION

The sample is medium dark gray and is composed mostly (60%) of aphanitic, medium dark gray, vitreous material. Two types of lithic clasts are present, each making up 20% of the sample. The subangular, light gray clasts are pre-dominantly 0.5 mm in size, but range up to 5.0 mm. They are plagioclase-rich, but contain 20 - 40% mafic minerals and scattered black opaque grains smaller than 0.1 mm in size. Dark gray lithic clasts are smaller, generally 0.4 mm, but range up to 1.0 mm in size. These are subrounded, and are composed of very fine grained, almost vitreous-appearing material.



Width of image is approximately 2 cm, S-71-26669