

## 14279

### PHYSICAL CHARACTERISTICS

Mass

5.67 g

Dimensions

2.0 x 1.8 x 1.5 cm

Sample 14279 is medium light gray in color, blocky, rounded to subrounded in shape, and is a coherent, polymict breccia with a fragmented matrix.

### SURFACE FEATURES

The slightly irregular surface has glass-lined zap pits over all surfaces but one.

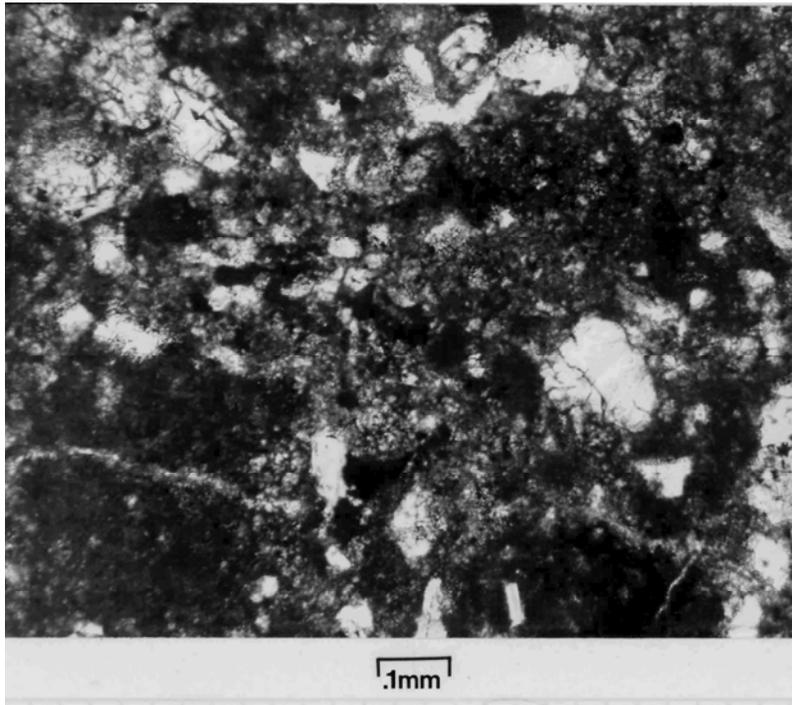
### PETROGRAPHIC DESCRIPTION

This coherent, light gray breccia is composed of medium light gray, fragmental material about 0.1 mm in size. It is a mixture of white and gray fragments and is 85 - 90% of the sample. There are some very fine-grained medium gray, lithic fragments making up less than 5% of the sample. White mineral fragments, probably plagioclase in various degrees of crushing, are angular and range up to 1.0 mm. They are predominantly 0.3 - 0.4 mm in size and are 10% of the sample. Light yellowish green, subangular, mineral fragments range up to 0.5 mm in size. These make up less than 5% of the sample and are probably olivine and/or pyroxene.

Thin section 14279,4 is composed of several small fragments of the sample which does not allow for a detailed discussion of the fabric of the rock. No clasts are present in any of the fragments. The groundmass appears to be holocrystalline with abundant small opaque crystals. The only lithic fragments present in the matrix is a crystalline rock composed of pyroxene and plagioclase and some fine-grained microbreccias. The rest of the fragments in decreasing order of abundance are pyroxene, olivine, and plagioclase.



Width of image is approximately 2.5 cm, S-71-26639



14279,4