

## 14282

### PHYSICAL CHARACTERISTICS

Mass

1.89 g

Dimensions

2.1 x 1.4 x 1.1 cm

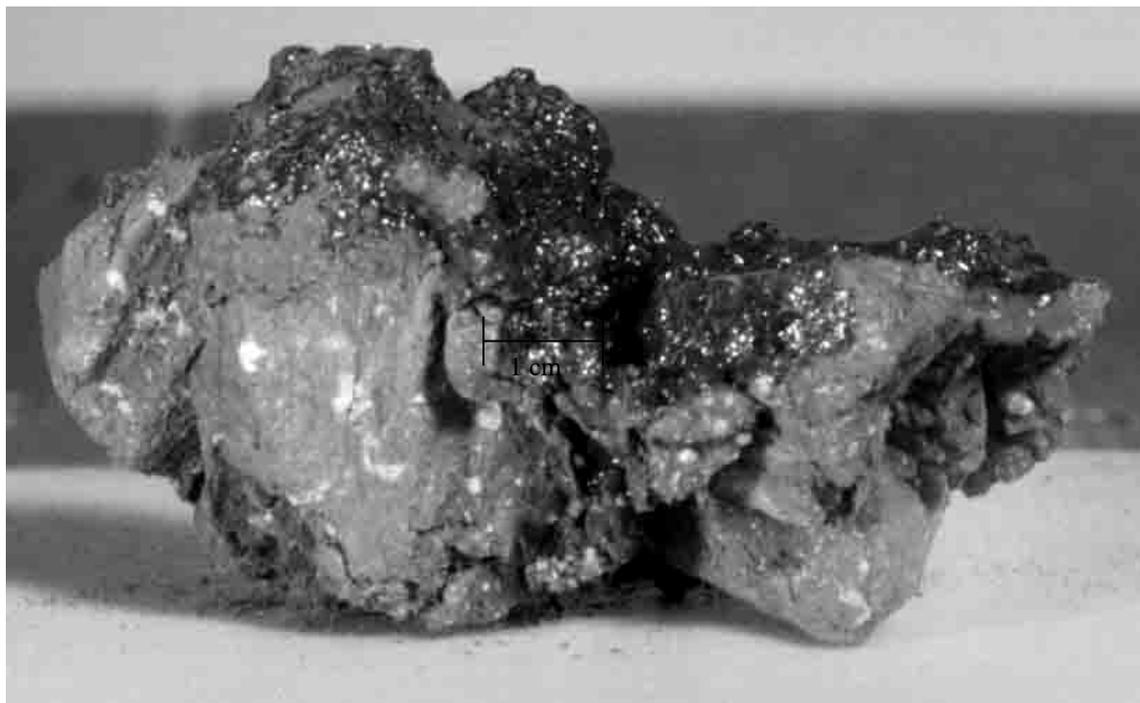
The sample is a medium gray, friable, fragmental rock (soil breccia).

### SURFACE FEATURES

Forty-five percent of the surface is coated with black vesicular glass. The cavities are more than 20% of the glass. This coating is up to 2 mm thick. Several non-penetrative fractures are present. No zap pits are visible.

### PETROGRAPHIC DESCRIPTION

The breccia is homogeneous and contains no grains larger than 0.5 mm. Eighty-five percent of the sample is medium gray fragmental material smaller than 0.1 mm. Two types of mineral fragments are visible. The first is very light gray, subangular to subrounded, and smaller than 0.5 mm in size. They occupy 10 - 15% of the sample and are composed primarily of crushed plagioclase, some with a bit of gray material. The second mineral fragment type is represented by one round grain 0.5 mm in size. It is light green, probably olivine or pyroxene. Thin section 14282,5 is that of a breccia with 5 - 10% "glass" in the matrix. There is one very fine-grained microbreccia clast present which is nearly opaque. Small pyroxene shards are isolated in the clast. The rest of the matrix has fragments of microbreccia, basaltic rocks, pyroxene grains, and rare plagioclase fragments.



Width of image is approximately 2.5 cm, S-71-26646