14195

PHYSICAL CHARACTERISTICS

Mass	Dimensions
2.77 g	2.5 x 1.5 x 1.5 cm

Sample 14195 is a coherent, medium to dark gray, fragmental rock.

SURFACE FEATURES

One surface appears weathered and the other sides are irregular fracture surfaces.

Vugs with varied shapes range in size from less than 1.0 mm to less than 100 µm. They are homogeneously distributed and comprise 20% of the rock volume. Some small zones of interconnecting vugs resemble strings of beads. Most of the vugs are drusy in appearance, with relatively smooth walls, but some have projecting feldspar (?) crystals. The drusy coatings resemble reaction rims. In several cases vugs have evacuated space around crystals 200-300 µm in size, as if by solution.

PETROGRAPHIC DESCRIPTION

The sample is coherent and very fine grained, with only two clasts larger than 1 mm visible. These appear to be mineral fragments. The average grain size is less than 100 µm.

The matrix is medium to dark gray with 40 - 50% clear feldspar. Approximately 5% of the matrix is opaque minerals, and the rest are not identifiable.

Width of image is approximately 3.5 cm, S-71-26970