

14011

Sample 14011 was collected during the first EVA from the vicinity of the LM as part of the contingency sample. It was returned in weigh bag 1039 along with the rest of the contingency sample (14001-14012).

PHYSICAL CHARACTERISTICS

Mass

0.68 g

Dimensions

0.6 x 0.8 x 1.2 cm

This is a medium gray, blocky, friable, polymict breccia with 1% clasts larger than 1 mm.

SURFACE FEATURES

Dust filled zap pits are very sparsely distributed over the surface. They average 1 mm in size and do not appear to be glass-lined.

PETROGRAPHIC DESCRIPTION

This friable, polymict breccia has 1% clasts larger than 1 mm and 99% matrix. Clasts consist of both lithic fragments and mineral fragments in subequal proportions. One clast is 1.5 mm in size and consists of subangular chalky white plagioclase which contains a cross-cutting glass vein. One 1.0 mm fragment is angular, deep brown pyroxene which shows some cleavage. One melanocratic clast contains 10% white plagioclase, 5% brown pyroxene and 1% leucocratic rock fragments. The matrix contains 5% glass, 10% plagioclase, 5% brown pyroxene, 1% leucocratic lithic fragments, and the remainder is too fine to resolve.



Width of image is approximately 1.5 cm; S-71-26096