

## 14101

Sample 14010 is one of those collected as part of the contingency sample during the first EVA in the vicinity of the LM. It was returned in weigh bag 1039 along with the rest of the contingency sample (14001-14012).

### PHYSICAL CHARACTERISTICS

Mass

Dimensions

1.00 g

2.4 x 2.5 x 0.5 cm

This sample is a friable, gray, polymict breccia with 10% clasts larger than 1 mm.

### SURFACE FEATURES

No zap pits are present on the surface, but there are small splashes of yellowish white glass covering less than 1% of the surface. One non-planar fracture cuts this sample.

### PETROGRAPHIC DESCRIPTION

Sample 14010 is a friable fine-grained polymict breccia with an average grain size of 0.05 mm. Ten percent of the fragments are larger than 1 mm and 90% are matrix. Mineral fragments of feldspar, pyroxene, and possibly olivine comprise 70% of these clasts. Thirty percent are lithic fragments of crystalline rocks. The largest clast is 10 mm in size. White clasts consist of 60% feldspar, 10% greenish-yellow mineral (olivine?), 2% ilmenite, and 25% brown mineral (pyroxene?). The matrix contains smaller fragments of the clast components and some glass.



Width of image is approximately 2.5 cm; S-71-25337