

74246**Soil Breccia****28.81 g, 5.5 x 3.5 x 2 cm****INTRODUCTION**

74246 has been described as a medium dark gray, homogeneous breccia. It is so friable that it is hardly legitimate as a specimen. The constituents are: 80% matrix (fine gray soil; 20% clasts, mainly fine-grained glomeroporphyritic basalt which is light colored, feldspar-rich

with cinnamon pyroxene and ilmenite. No zap pits were observed and would not be preserved in any case. No cavities were present. 74246 has a rounded shape and fell into 3 clods when moved for the original photograph. This sample was collected from Station 4.

STABLE ISOTOPES

Carr et al. (1985) briefly mentioned 74246 in a study of the nitrogen composition of lunar breccias. These authors stated that this breccia was not produced by consolidation of mature regolith.



Figure 1: Hand specimen photograph of 74246.