

14059

Sample 14058 was collected from station E during the second EVA. It was placed in bag 15N and returned in ALSRC1006 along with 14055-14062.

PHYSICAL CHARACTERISTICS

Mass

4.53 g

Dimensions

2.5 x 2.0 x 1.5 cm

This sample is a subangular, elongate rock which is tapered at one end. It is olive gray in color and is fine-grained with fragments larger than 1 mm comprising 15% of the rock.

SURFACE FEATURES

Irregular clasts form sharp points above surface level. No zap pits were observed.

PETROGRAPHIC DESCRIPTION

Sample 14058 is a polymict fragmental rock with 15% clasts larger than 1 mm. Crystalline rock fragments which are light gray in color account for the majority of clasts. These clasts are composed of 70% white powdery mineral (feldspar?), 20% lath-shaped feldspar crystals with albite twinning, and 10% opaques (probably ilmenite). The feldspar crystals exhibit a preferred orientation parallel to the long axis of the clasts.

Clasts of equant black finely crystalline material are present in lesser amounts. Feldspar clasts and spherical as well as angular black glass fragments are also present. A powdery brownish-red mineral is present in patches. Black glass fragments compose 20% of the rock, lithic fragments compose 60%, and mineral fragments compose 20%.

DISCUSSION

The sample is extremely friable and cannot be cut for thin sectioning without impregnation. It is probably a piece of 14055.



Width of image approximately 3 cm; S-71-26092