78567
Dark Matrix Soil Breccia
18.88 g, 3.1 x 2.4 x 2.2 cm

INTRODUCTION

Sample 78567 is a coherent soil breccia that was collected as part of a large rake sample at Station 8 (Fig. 1). It is similar to 78546.

PETROGRAPHY

Butler (1973) described 78567 as friable, dark grey, matrix-rich breccia with clasts generally of millimeter size composing less than 5%. Small clasts are generally white plagioclase, mare basalt, black aphanite, and orange glass.

Compared with other soil breccias, thin sections of this sample show that it has less fine-grained matrix and more mineral fragments (Fig. 2). Keil et al. (1974) and Warner et al. (1978f) have provided very brief descriptions.

MINERAL CHEMISTRY

Warner et al. (1979) have studied the glass compositions in 78567.

The chemical composition of this sample has not been determined.

Figure 1: Photograph of 78567. Scale is 1 cm. S73-21017.
Figure 2: Photomicrograph of thin section 78567,7. Field of view is 3 x 4 mm.