

76035**Nonvesicular Impact Melt Breccia**
376.2 g, 12 x 5.5 x 5 cm**INTRODUCTION**

Sample 76035 was collected from the soil about 20 meters downslope from the large boulder in the Station 6 area. It is a nonvesicular, clast-bearing, blue-grey impact melt breccia.

Chao et al. (1975) believe that 76035 is very similar to 77115 and to 72435. Ryder (1993) describes the matrix of 76035 as fine-grained with olivine microphenocrysts.

PETROGRAPHY

The photo of one side of this sample (Fig. 1) shows that the main mass of it is the blue-grey impact melt breccia typical of the highlands; the other side has an assemblage of light and dark lasts folded together like in an omelet (Fig. 2). Angular inclusions of light impact melt breccia are included in the blue-grey matrix of 76035. There is an apparent basaltic clast included in the

blue-grey impact melt (see Fig. 1). Some thin sections show the dark lithology is a soil breccia-but it is very minor portion of the overall sample.

This sample has not been studied.

There are only three thin sections of 77035.



Figure 1: Freshly broken surface of 76035, showing basalt clast. There are few vesicles compared with the Station 6 Boulder. Scale is 1 cm. 573-19355.



Figure 2: Angular inclusions of light impact melt breccia included and attached to matrix of 76035.
Scale is 1 cm. S73 -15457.