

**72556****Impact Melt Breccia (?)  
St. 2, 3.86 g****INTRODUCTION**

72556 is a subangular tough block (Fig. 1) collected as part of the first rake sample at Station 2, near Boulder 2. It has macroscopic characters that suggest that it is an impact melt; identification is uncertain because it has never been allocated or dissected. According to

Keil et al. (1974) 72556 is medium gray (N5) and 1.5 x 1.5 x 1.5 cm. It is similar in appearance to several other green-gray breccias from the South Massif that are impact melts (e.g. 72549). It is coherent with no fractures, has about 3% vugs, and a few zap pits. It consists of about 97% matrix material (mainly less than 100 microns), with a few

plagioclase and mafic clasts less than 0.5 mm across. 72556 has never been dissected or allocated, although it consists of a small fragment as well as the main mass.



Figure 1: Sample 72556. Small scale divisions in millimeters. 5-73-33427.