

72555**Impact Melt Breccia (?)
St. 2, 10.48 g****INTRODUCTION**

72555 is a subangular tough block (Fig. 1) collected as part of the fast 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) 72555 is medium dark gray (N4) and 2.6 x 1.8 x 1.7 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 a few non-penetrative fractures, has about 1% vugs, and lacks zap pits. It consists of about 92% matrix material (mainly less

than a few hundred microns), with a few plagioclase and mafic clasts in the 0.5 to 2 mm range.

72555 has never been dissected or allocated. A reference by Levsky et al. (1981) is a misprint for 72255.



Figure 1: Sample 72555. Small scale divisions in millimeters. S-73-33436.