

72557**Impact Melt Breccia (?)
St. 2, 4.56g****INTRODUCTION**

72557 is a subrounded 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) 72557 is medium gray (N5) and 2.0 x 1.8 x 1.6 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 less than 1% vugs, and zap pits on one side. It consists

of about 97% matrix material (mainly less than 100 microns), with a few plagioclase and mafic clasts less than 0.5 to 2.0 mm across. 72557 has never been dissected or allocated.



Figure 1: Sample 72557. Small scale divisions in millimeters. S-73-33399.