

72538**Impact Melt Breccia (?)
St 2, 11.1 g****INTRODUCTION**

72538 is a small 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 LSIC 17 (1973), 72538 is a blue-gray breccia; according to Keil et al. (1974) it is dark gray (N4). It is similar in appearance to several other green-gray breccias from the South Massif that are impact melts (e.g. 72535). The sample is 3.3 x 2.1 x 1.6 cm, angular, coherent, and

without fractures (Fig. 1). Matrix material (grain size less than 1 mm) is about 92% of the sample; the remaining 8% consists mainly of small plagioclase clasts. It has zap pits on most surfaces, and small spherical vesicles (about 1%).



Figure 1: Sample 72538. Small scale divisions in millimeters. S-73-33430.