

**73145****Impact Melt Breccia (?)  
St. 2A (LRV-4), 5.6 g****INTRODUCTION**

73145 was picked from soil sample 73140 taken from the bottom of a 15cm-deep trench on the landslide or avalanche from the South Massif, 600 in NE of Nansen Crater. The tough sample is slabby and angular (Fig. 1), with dimensions of 2.5 x 2.0 x 1 cm. It is medium dark gray (N4) and

homogeneous, with about 75% being fine-grained matrix and about 25% being small plagioclase clasts. Its appearance is similar to homogeneous impact melts, with its groundmass described as possibly diabasic in LSIC 17 (1973). It lacks zap pits and cavities. It does have some irregular fractures on which euhedral pyroxenes are visible.



Figure 1: Sample 73145. Scale bar 1 centimeter. Part of S-73-21776.