

79195**Breccia**

368.5 g; 9 x 6.5 x 5 cm, 7 x 5.5 x 4 cm, 2.5 x 2 x 1.5 cm, 1.5 x 1.5 x 1 cm (4 pieces)

INTRODUCTION

79195 was described as a dark gray, subangular breccia, which is friable with an irregular clast distribution (Apollo 17 Lunar Sample Information Catalog, 1973) (Fig. 1 a,b). This breccia has several penetrative fractures, but no cavities were noted. No zap pits were observed on S, E, B, and W, but a few were noted on N and T.

79195 is composed of 10-15% of brownish-gray, gray-green, bluish-gray, and white basaltic clasts (25 X 25 mm to 1 mm), 10% mineral clasts (plagioclase and mafic silicates - < 1 to 2 mm), and 75-80% fine-grained (< 0.1 mm) matrix materials. The brownish-gray basalts have an average grain size of 0.5 mm and contain < 5% olivine (?), 50% plagioclase, 40% brown pyroxene, and 10% opaques.

Although the processing of 79195 indicates thin sections have been made and samples sent to Pis, we can find no reference to this sample in the literature.



Figure 1a: Hand specimen photograph of 79195,0.



Figure 1 b: Hand specimen photograph of 79195,0.

PROCESSING

The original sample 79195,0 has been entirely subdivided. The largest remaining sub-samples are,1 (~ 203g) and ,2 (~ 151g). Five thin sections have been made: 79195,10-,14.