

78537**Dark Matrix Breccia****11.76 g, 3.0 x 2.0 x 1.9 cm****INTRODUCTION**

Sample 78537 is a coherent soil breccia that was collected as part of a large rake sample at Station 8 (Fig. 1). This brown glass matrix breccia is similar to 78535.

PETROGRAPHY

Butler (1973) describes 78537 as moderately coherent, medium grey, matrix-rich breccia with clasts composing less than 5% of the rock. Clasts are predominantly white and consist of plagioclase and mare basalt.

Thin sections of 78537 show that it has a brown glass matrix including orange glass spheres and mare basalt fragments (Fig. 2). This breccia is probably from the mare surface near Station 8.

Warner et al. (1979) have studied the glass compositions in 78537.

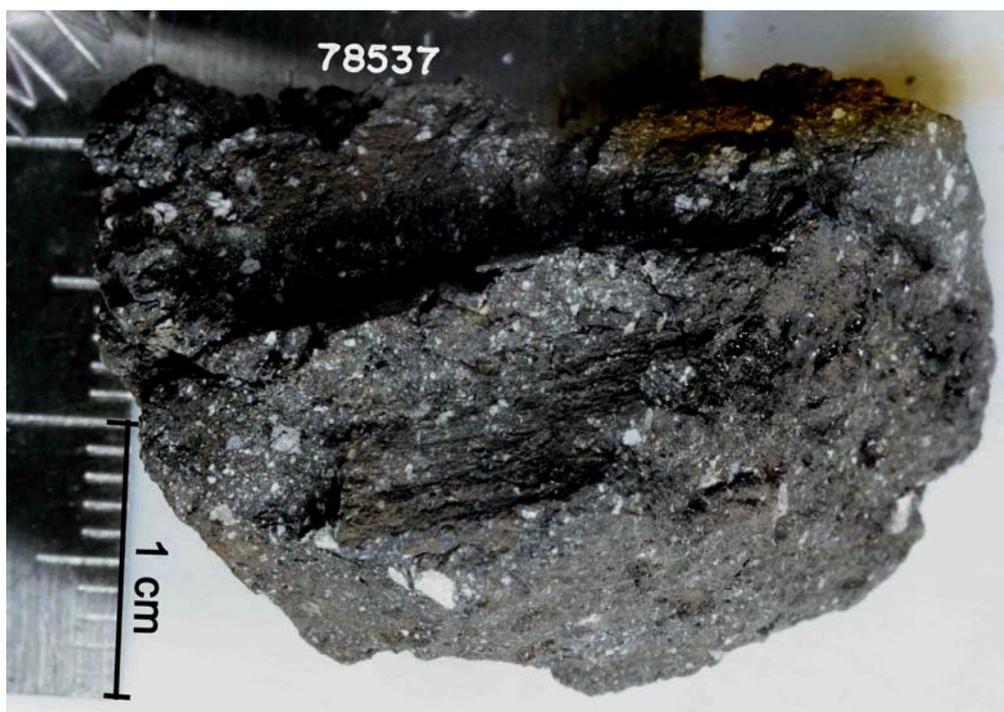


Figure 1: Photograph of 78537. Scale is 1 cm. S73-33404.

SAMPLE 78537-452

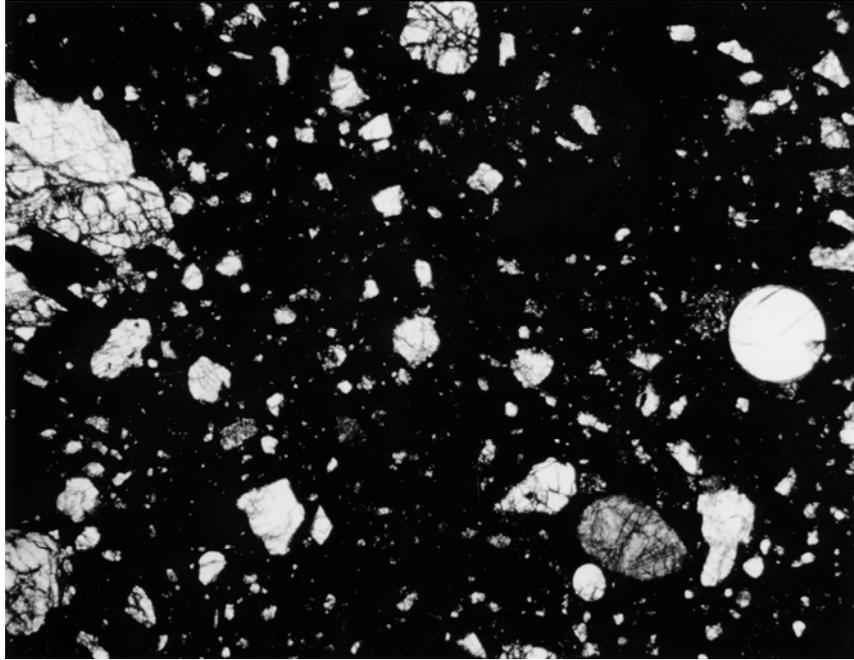


Figure 2: Photomicrograph of thin section 78537,17. Field of view is 3 x 4 mm.