

76567**Light Matrix Regolith Breccia****5.49 g, 2 x 1.5 x 1 cm****INTRODUCTION**

Sample 76567 is a vitric matrix breccia that contains fragments of mare, nonmare, and orange glass. It has a light-colored grey matrix with both light and dark clasts. It does not have the brown tint characteristic of the mare regolith breccias.

PETROGRAPHY

Phinney et al. (1976) have studied 76567 by SEM petrography. They term it a moderately coherent vitric matrix breccia with only ~20% glass in matrix.

The surface of 76537 has zap pits galore (Fig. 1). The thin section shows that the matrix is transparent (Fig. 2). A clast of a feldspathic highlands rock is attached.



Figure 1: Photograph of light grey breccia 76567. Scale bar is marked in 1 mm. S73-19641.

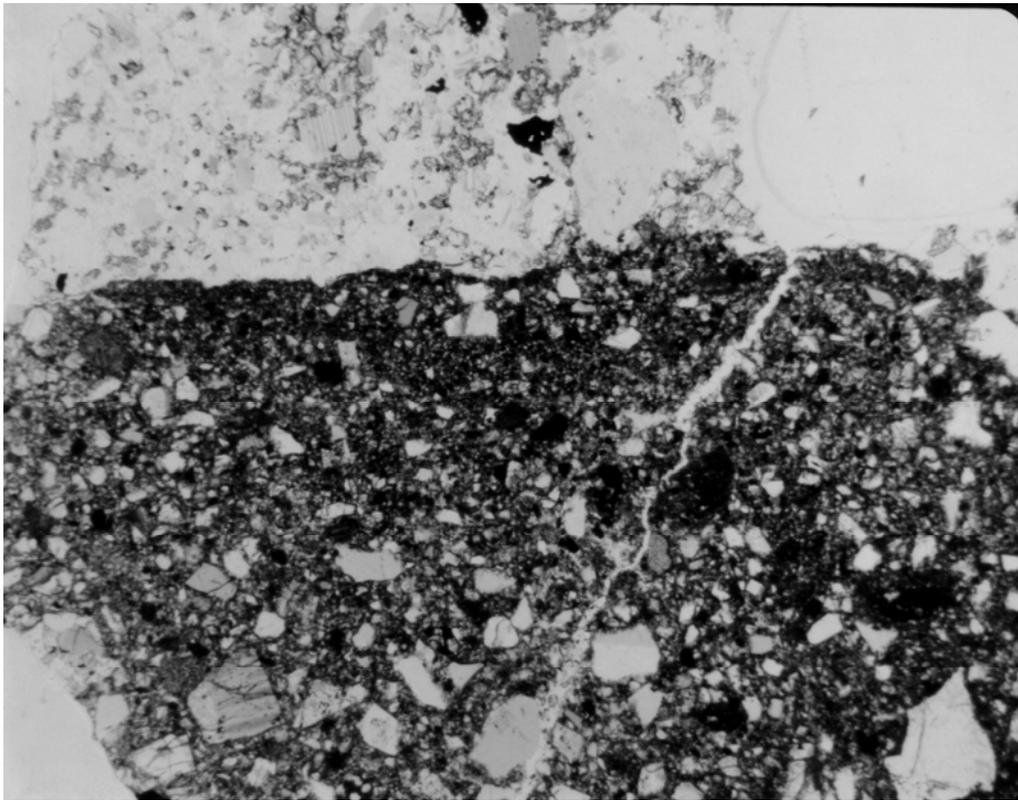


Figure 2: Photomicrograph of 76567,7, showing matrix attached to clast of highlands material.
Field of view is 2 x 3 mm.