

INTRODUCTION: 15343 is a regolith breccia (Fig. 1) which is fairly shocked and heterogeneous, with a dark glassy matrix. It appears distinctively speckled with white clasts. It was dusty and had no obvious pits. It was collected as part of the rake sample from the north-east rim of Spur Crater.

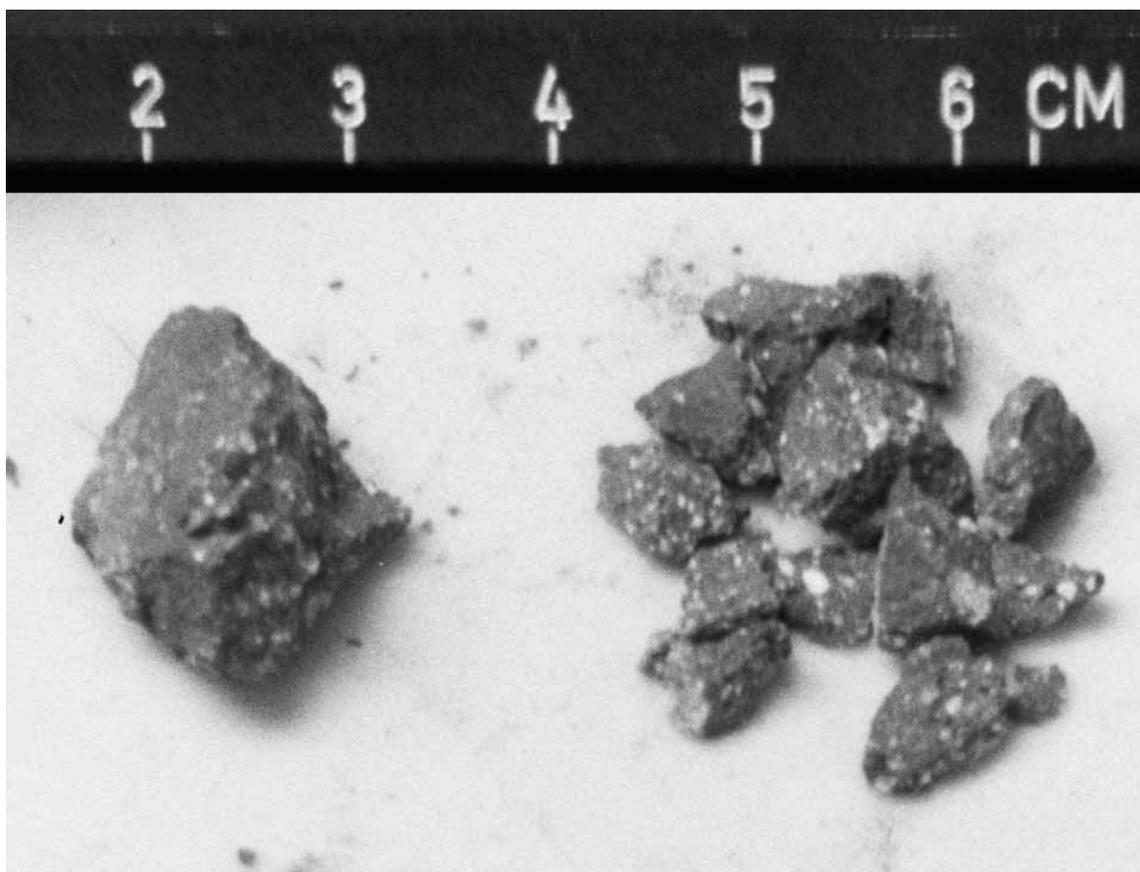


Figure 1. Post-chip view of 15343,0 and ,1. S-71-57450

PETROLOGY: 15343 is a fairly heterogeneous, glassy regolith breccia (Fig. 2). According to Dowty et al. (1973b) it is similar to 15337, with a moderately dark glass matrix, and has a few small feldspathic (ANT) lithic clasts. Several of the mineral clasts are shocked. Glasses include yellow, green, colorless, and orange/red. Hlava et al. (1973) presented analyses of glasses which are all mare in origin.

PROCESSING AND SUBDIVISIONS: Several chips were removed from ,0 (Fig. 1). One was numbered ,2 and partly used to produce thin sections ,4 and ,5. The remaining chips were designated ,1 (2.32g); ,0 is now 4.07 g.



Figure 2. General view of matrix of 15343,4.
Transmitted light. Width about 2 mm.