

60535 – 7.23 grams

60637 – 8 grams

Regolith Breccia



Figure 1: Photo of 60535. Sample is 3 cm. S73-20478

Introduction

60535 and 60637 are rake samples from the area near the LM. They are typical glass matrix regolith breccias.

Petrography

Warner et al. (1976) described 60535 and 60637 as “fragmental breccias”, but they have all the attributes of compacted lunar soil. They appear similar. Glass shards, lithic fragments and mineral fragments in a seriate grain size distribution (figure 2).

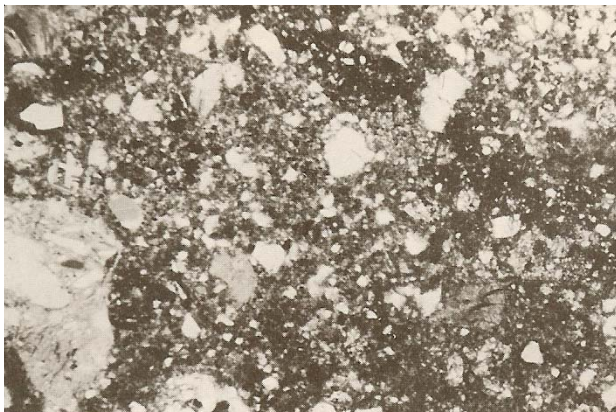


Figure 2: Thin section of 60535.

60535 has numerous micrometeorite craters on one side.

Processing

60535 has 4 thin section and 60637 has 3.

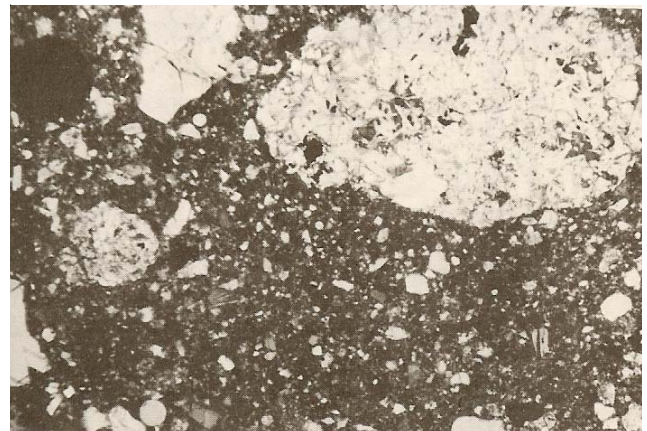


Figure 3: Thin section of 60637 (with basalt clast).

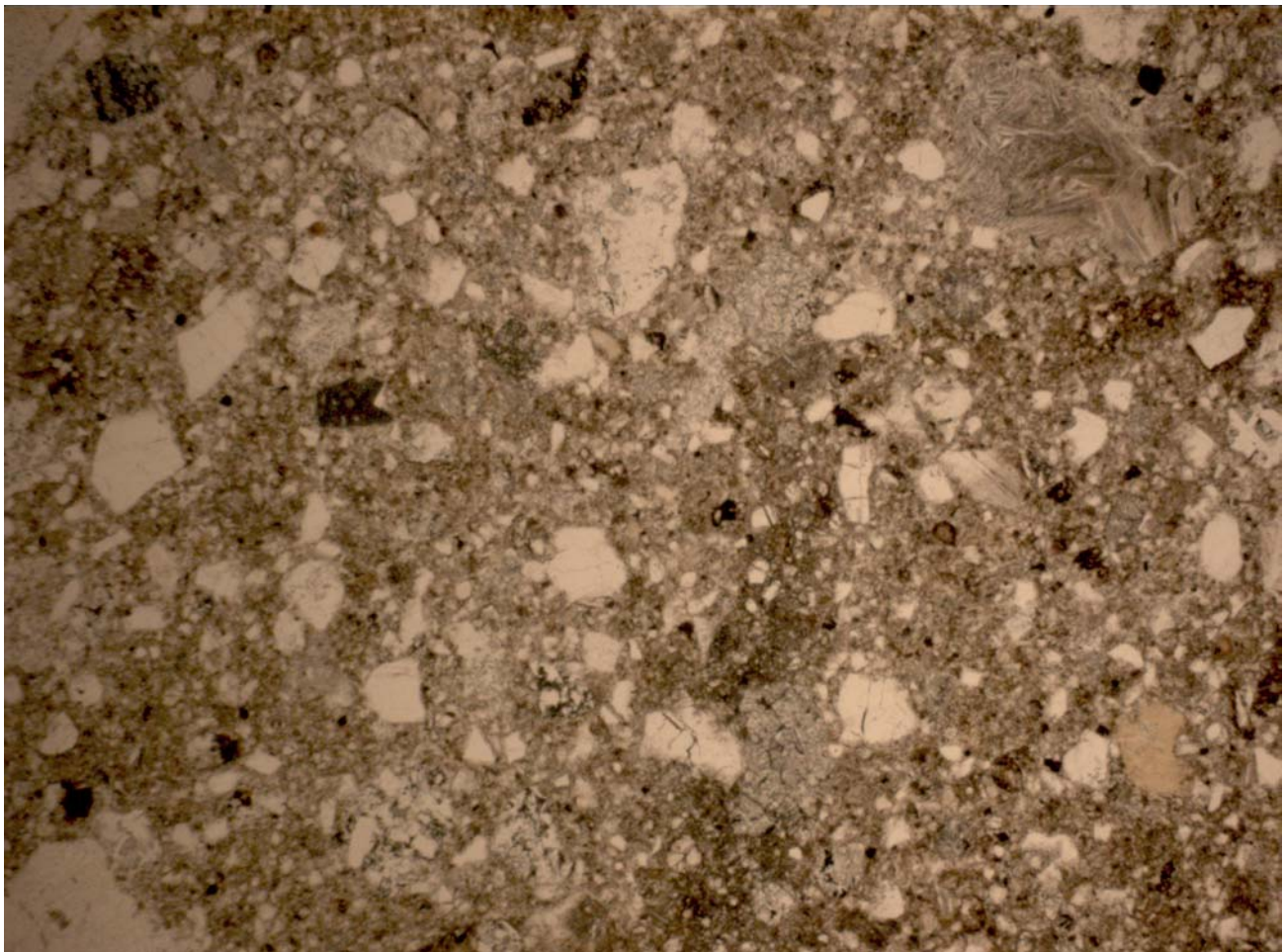


Figure 4: Photomicrograph by C Meyer of 60535,2. Field of view is 2 mm.

References for 60535

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