

**60535** – 7.23 grams

**60637** – 8 grams

Regolith Breccia



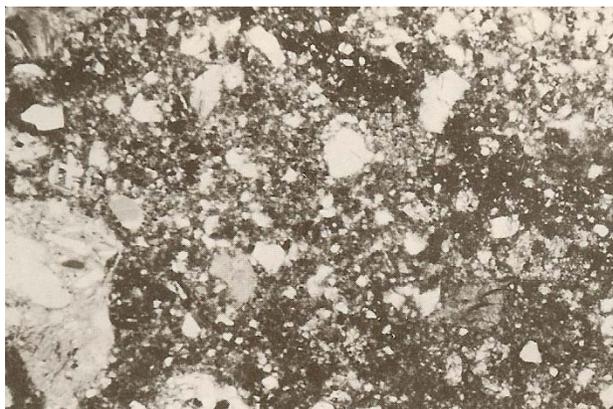
*Figure 1: Photo of 60535. Sample is 3 cm. S73-20478*

### **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).

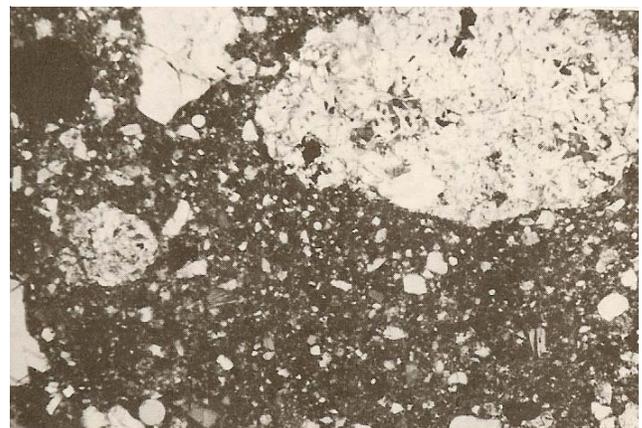


*Figure 2: Thin section of 60535.*

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).*

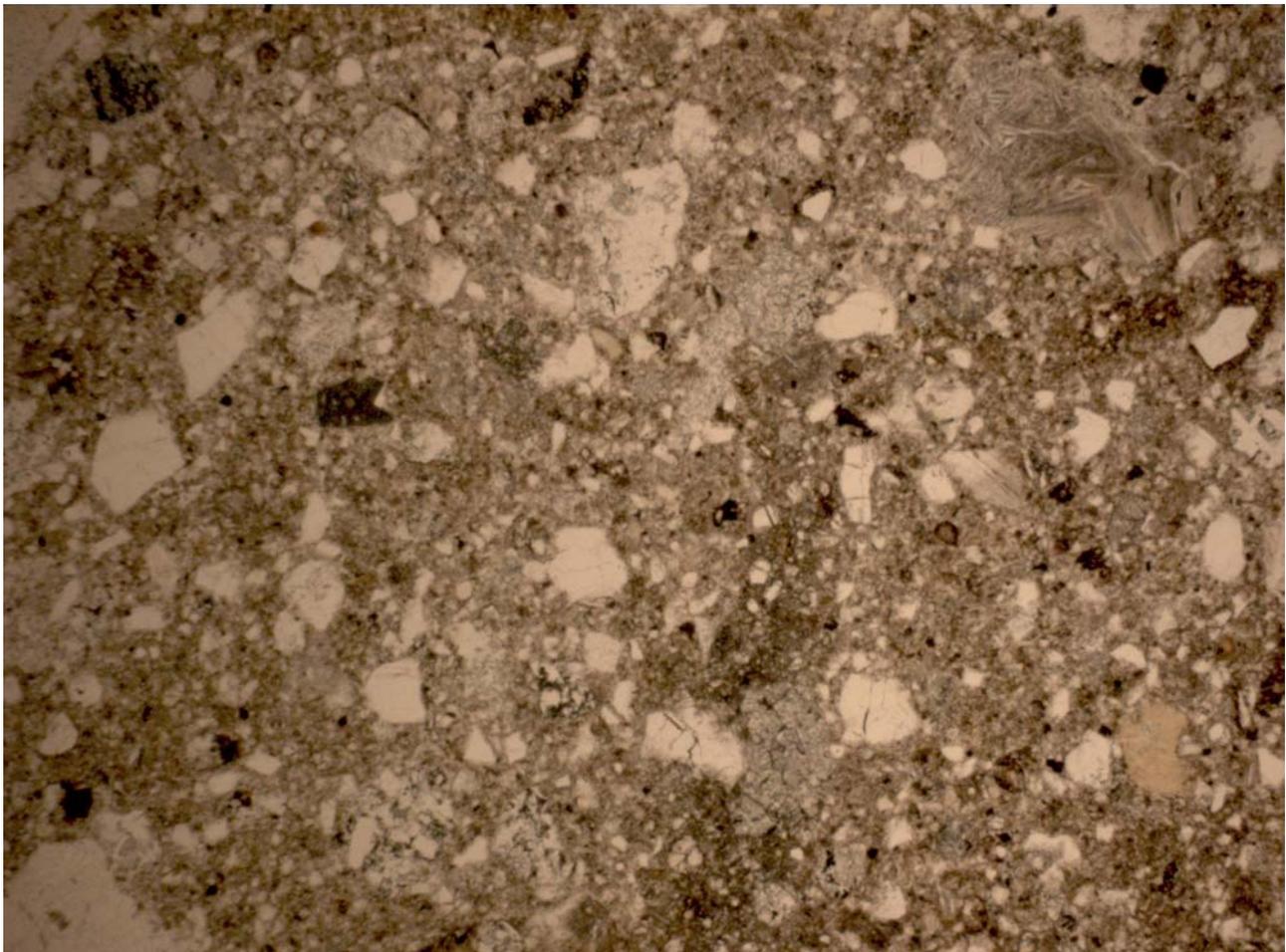


Figure 4: Photomicrograph by C Meyer of 60535,2. Field of view is 2 mm.

### References for 60535

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Ryder G. and Norman M.D. (1980) Catalog of Apollo 16 rocks (3 vol.). Curator's Office pub. #52, JSC #16904

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Warner R.D., Dowty E., Prinz M., Conrad G.H., Nehru C.E. and Keil K. (1976) Catalog of Apollo 16 rake samples from the LM area and station 5. Spec. Publ. #13, UNM Institute of Meteoritics, Albuquerque. 87 pp.

