

**INTRODUCTION:** 15687 is a vesicular, agglutinitic, black glass, containing small mare basalt and mineral fragments (Fig. 1). It was collected as part of the rake sample from Station 9A.



Figure 1. Pre-saw view of 15687. S-71-49880

**PETROLOGY:** 15687 is an agglutinitic glass which is vesicular (Fig. 2). Steele et al. (1977) described it as consisting of a fine-grained or glassy matrix (60%), 15% lithic clasts (mare basalt), 15% mineral clasts, and 10% porosity. Two clasts contain high-Fe plagioclases, and mare pyroxenes (Fig. 3). They have roughly equal amounts of plagioclase and pyroxene which are small (0.2 mm).

PROCESSING AND SUBDIVISIONS: One small piece was sawn off one end (,1) and used to produce thin sections ,6 to ,8. ,0 is now 1.34 g.

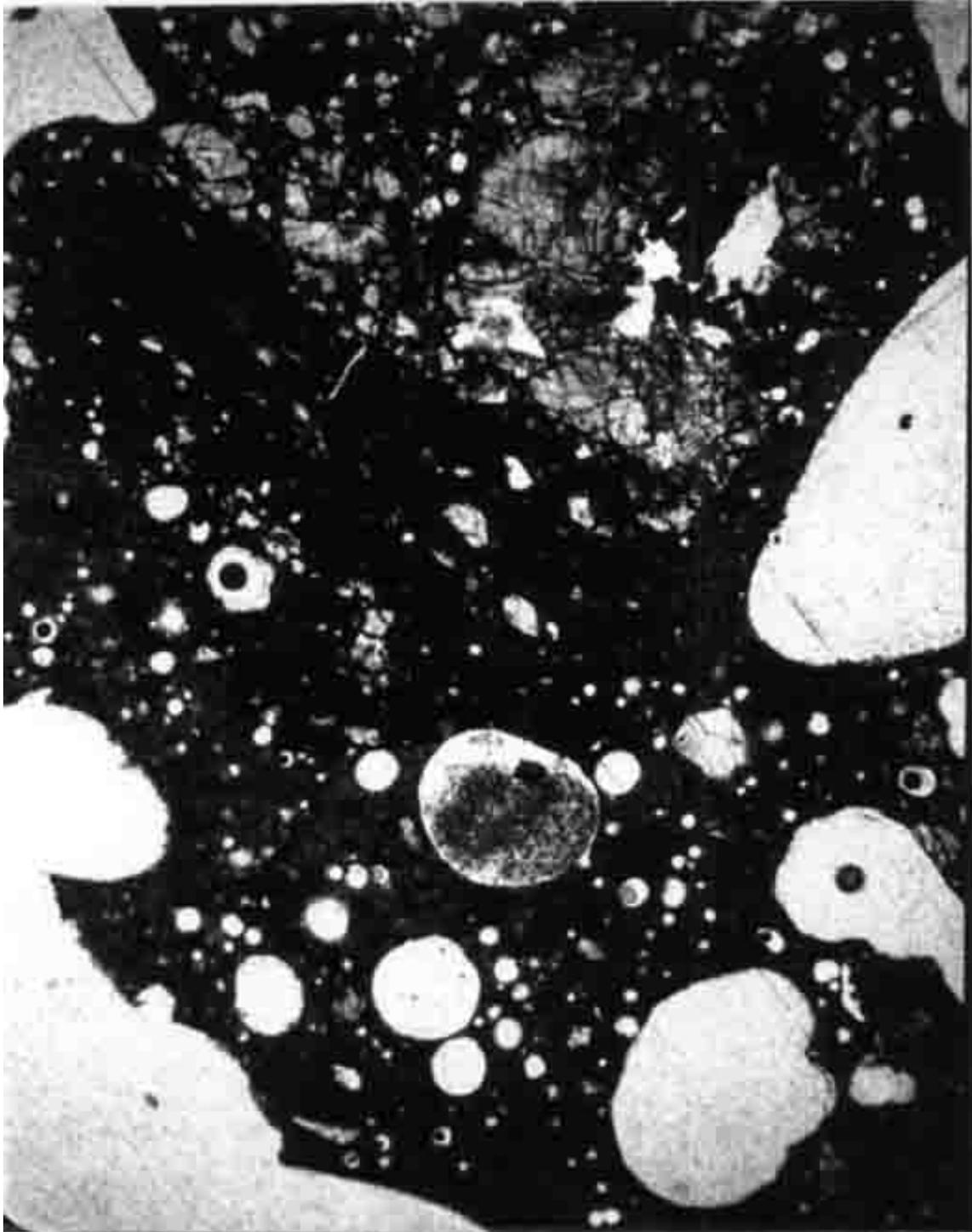


Figure 2. Photomicrograph of 15687,7.  
Width about 3 mm. Transmitted light.

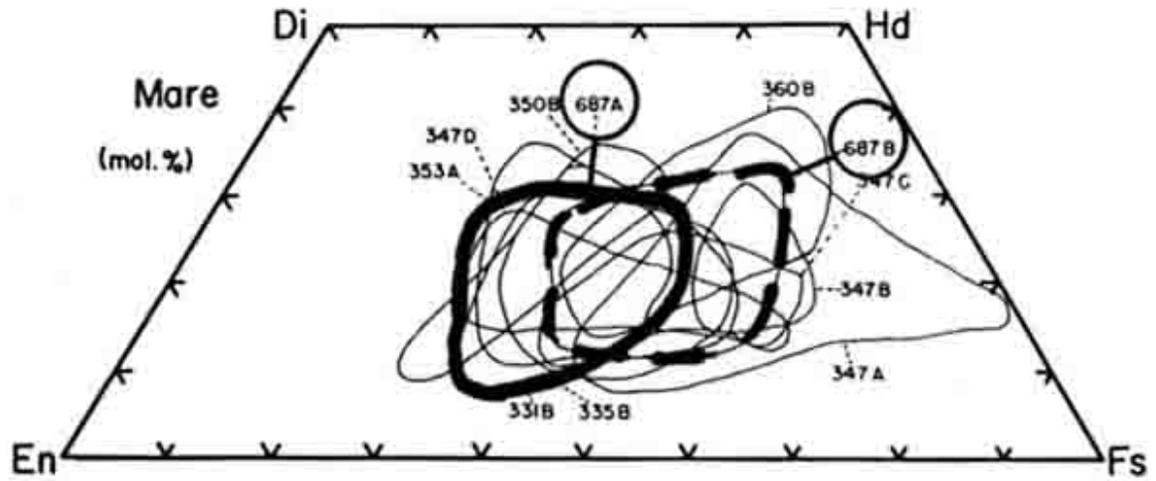


Figure 3. Composition of pyroxenes in two mare basalt clasts in 15687 (Steele et al., 1977).