

INTRODUCTION: 15435 comprises 32 of the coarsest fragments (1 to 5 cm) of the clod which formed the pedestal for 15415 (Fig. 1). The clods are light olive gray, extremely friable, and nearly all appear to be loosely consolidated regolith. Finer-grained material was sieved and numbered as soil 15431 to 15434 (the original 826.8 g sample had been numbered 15925). Two non-regolith pieces, 15436 and 15437, were removed and numbered. These samples were collected on the north-northwest lip of Spur Crater.

PETROLOGY: Only one fragment, ,7, was made into thin sections. This is an unusual sample composed of banded glass, debris-laden glass, and rare intersertal basalt (KREEP?) fragments (Fig. 2). Green, light brown, orange, colorless, and red-brown glasses are present, as well as abundant tiny mineral fragments.

PROCESSING AND SUBDIVISIONS: Very little subdivision apart from the separation and numbering of individual pieces has been done. ,7 was made into a potted butt (2.26 g of which remains) and thin sections ,34 to ,47 made from it. The largest clods are ,10 (13.5 g); ,18 (49.1 g); and ,20 (58.3 g). ,18 is stored in Brooks.



Figure 1. Sampling of samples 15415 and 15431 to 15437. AS15-86-11670.

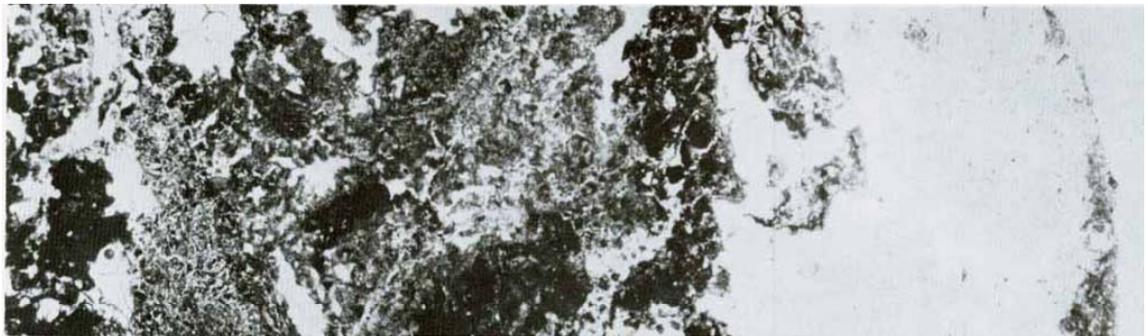


Figure 2. Photomicrograph of thin section 15435,36 showing glass (colorless), devitrified glass, dark glassy breccia, and subophitic/intersertal basaltic (impact?) melt streaks. Transmitted light. Height about 2 mm.