

INTRODUCTION: 60676 is a dark gray, coherent, glassy impact melt (Fig. 1). It is subangular and contains several large clasts. Few vesicles are present and most are filled with soil. It is a rake sample collected about 70 m west southwest of the Lunar Module. Zap pits are absent.

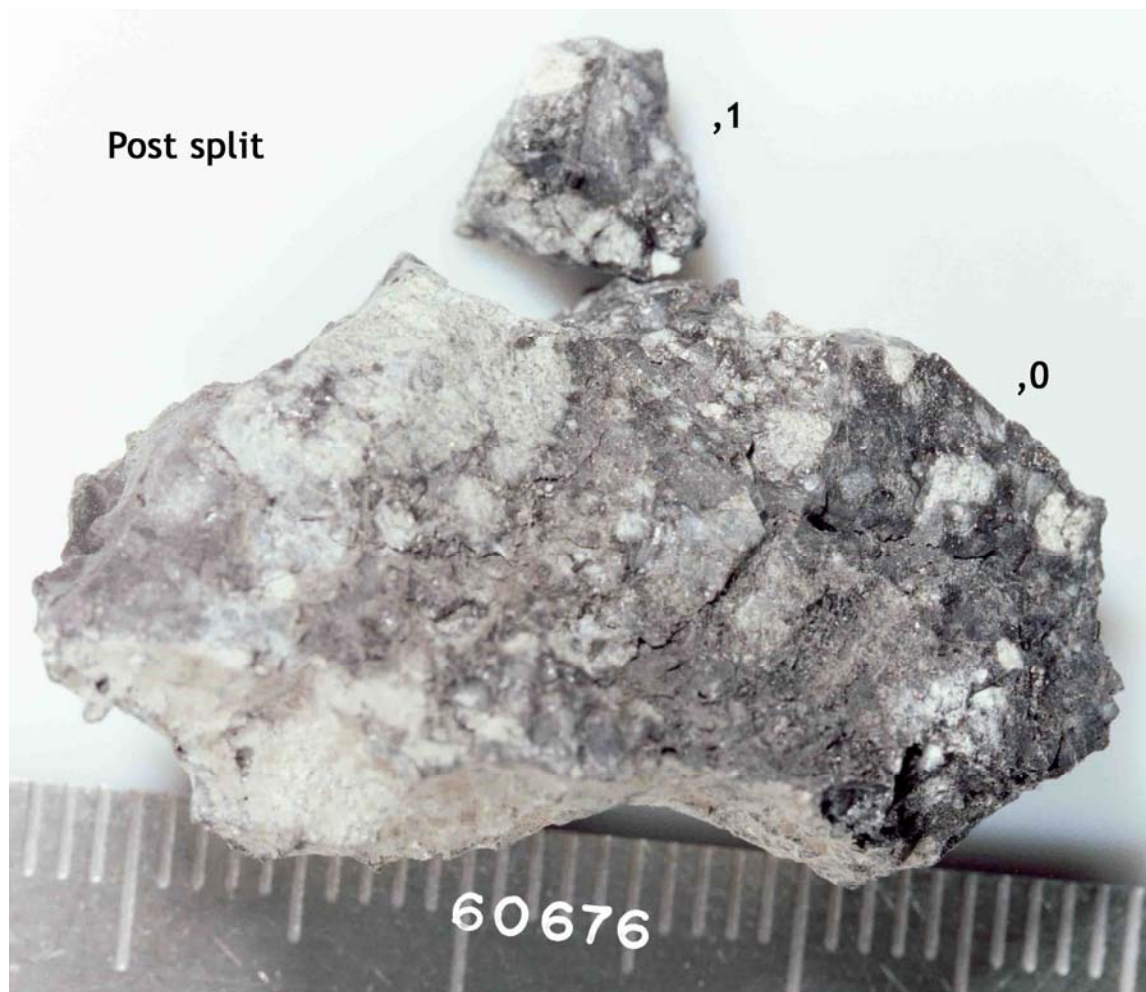


FIGURE 1. Smallest scale division in mm. S-73-20474.

PETROLOGY: Warner et al. (1976b) provide a brief petrographic description and mineral compositions. Abundant dark, banded glass encloses a variety of clasts (Fig. 2). One large poikilitic rock fragment, several heavily shocked plagioclase grains and a 0.1 mm pink spinel clast are noted by Warner et al. (1976b). Mineral compositions are

shown in Figure 3 and tabulated by Dowty et al. (1976). Other minor phases include ilmenite, armalcolite, rutile and Fe-metal (5.4-6.5% Ni, 0.3-0.4% Co).

CHEMISTRY: A defocussed electron beam analysis (DBA) is given by Warner et al. (1976b) and reproduced here as Table 1.

PROCESSING AND SUBDIVISIONS: In 1973 a single chip (,1) was removed and allocated to Keil for petrography (Fig. 1).

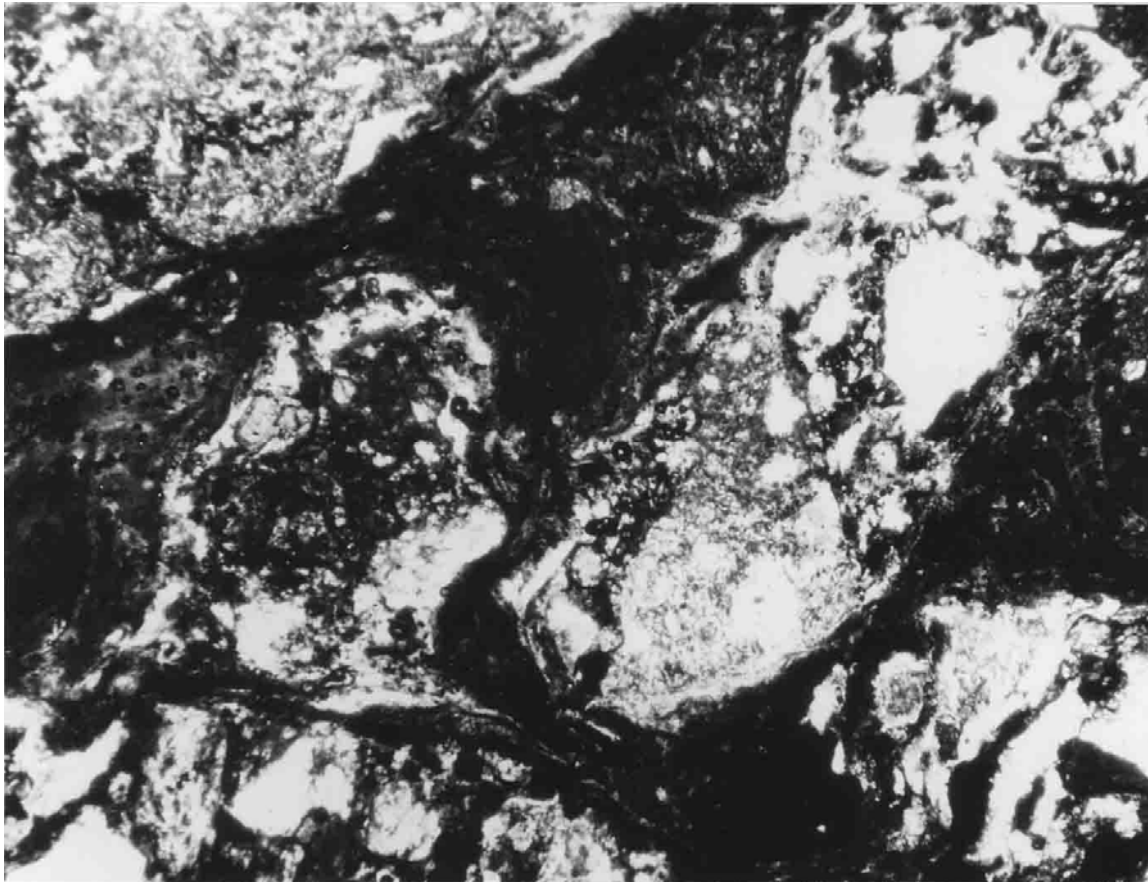


FIGURE 2. 60676,2.
General view, partly xpl. Width 3 mm.

TABLE 1. Chemistry of 60676.

SiO ₂	46.4
TiO ₂	0.70
Al ₂ O ₃	23.5
Cr ₂ O ₃	0.12
FeO	6.7
MnO	0.07
MgO	9.7
CaO	13.8
Na ₂ O	0.55
K ₂ O	0.18
P ₂ O ₅	0.24

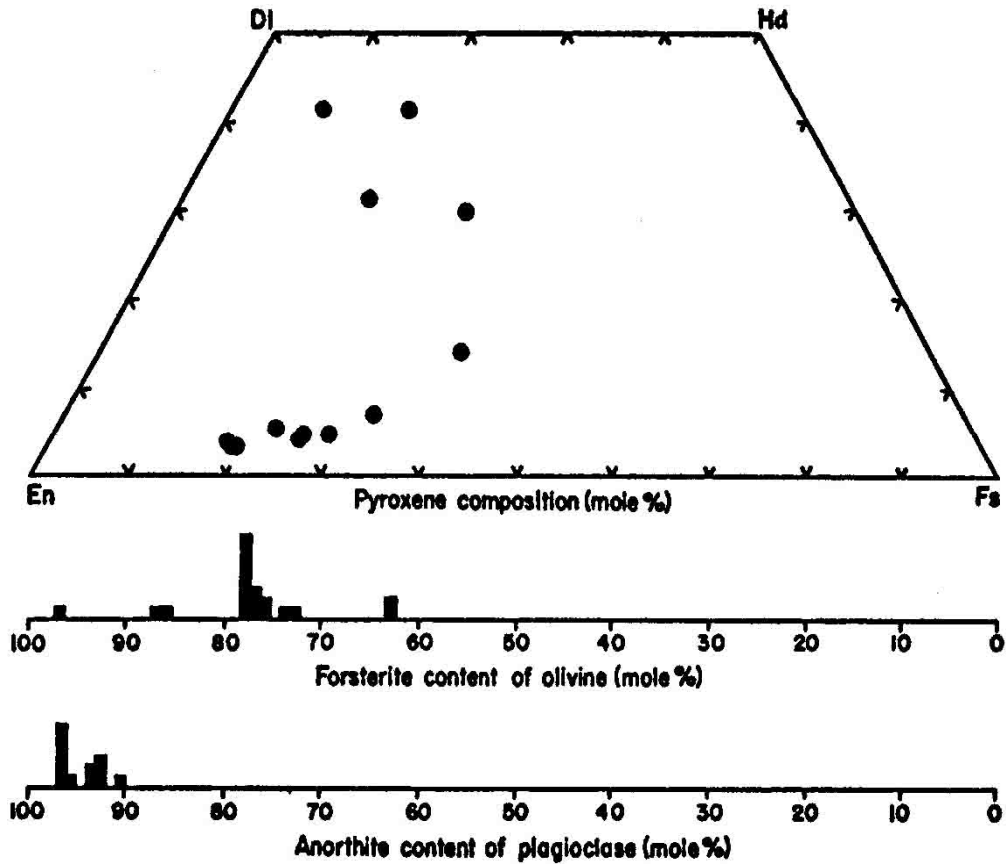


FIGURE 3. Mineral compositions; from R. Warner et al. (1976b).