

INTRODUCTION: 60526 is a medium gray, coherent, poikilitic impact melt (Fig. 1). It is a rake sample collected about 50 m southwest of the Lunar Module, and lacks zap pits. (The photograph labeled 60526 in Keil et al., 1972, p. 50 is actually of 60527; the correct photograph is on p. 62).

PETROLOGY: Warner et al. (1976b) provide a brief petrographic description and mineral composition. Texturally 60526 is a typical fine-grained poikilitic rock with oikocrysts (~0.3 x 0.15 mm) of dominantly low-Ca pyroxene enclosing abundant euhedral to subhedral plagioclase (Fig. 2). Mineral compositions are shown in Figure 3 and tabulated by Dowty et al. (1976). Accessory phases include ilmenite, armalcolite and Fe-metal (4.4-6.1% Ni, 0.3% Co).



FIGURE 1. S-78-27394.

CHEMISTRY: A defocussed electron beam analysis (DBA) presented by Warner et al. (1976b) is reproduced here as Table 1. 60526 is compositionally very similar to the well-studied poikilitic rocks such as 60315.

PROCESSING AND SUBDIVISIONS: In 1973 ,1 was removed for thin sections. In 1978 ,4 was allocated for chemistry (Fig. 1).

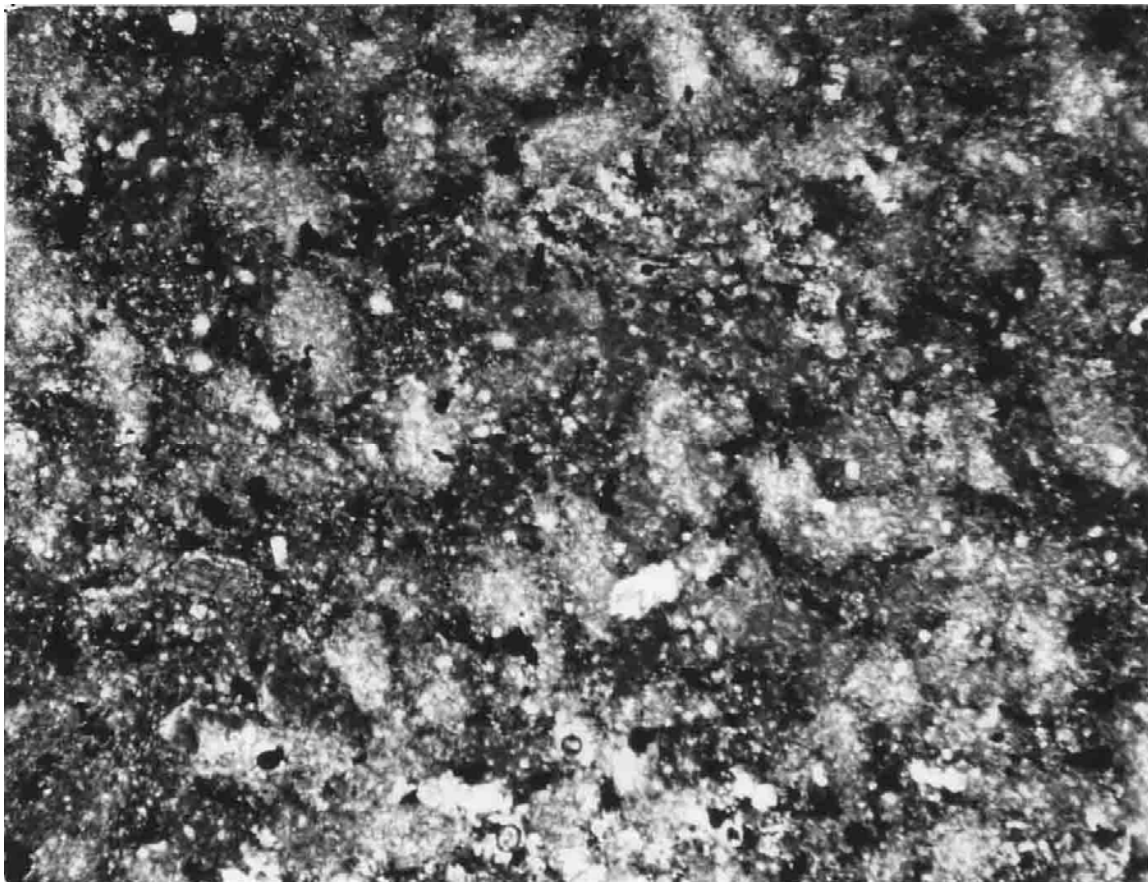


FIGURE 2. 60526,3. General view, xpl. Width 3 mm.

TABLE 1. Chemistry of 60526 (DBA).

SiO ₂	47.5
TiO ₂	1.40
Al ₂ O ₃	17.4
Cr ₂ O ₃	0.17
FeO	8.9
MnO	0.09
MgO	13.5
CaO	10.8
Na ₂ O	0.71
K ₂ O	0.45
P ₂ O ₅	0.44

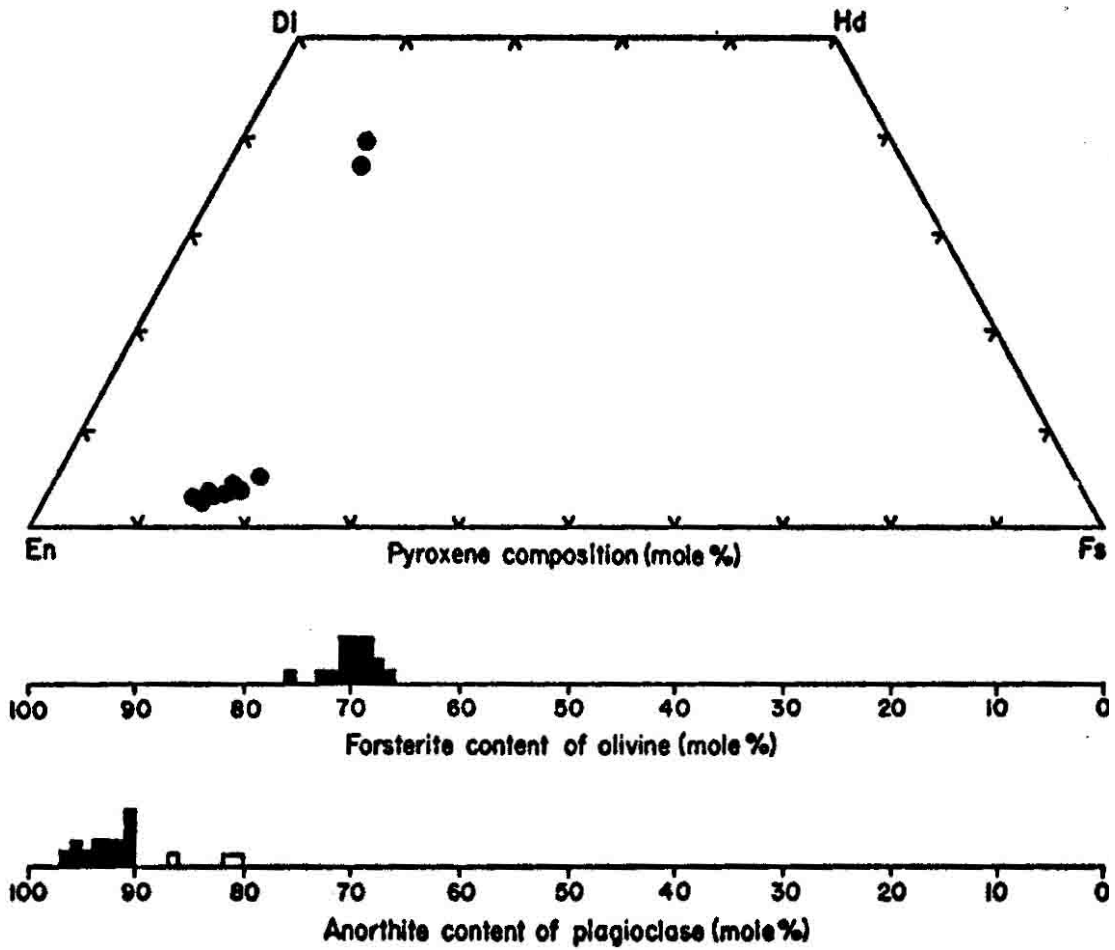


FIGURE 3. Mineral compositions;
from R. Warner et al. (1976b).