

INTRODUCTION: 65326 is a light gray, moderately coherent, cataclastic anorthosite (Fig. 1). A few areas with a sheared appearance are present. Streaks of rust and veins of unaltered metal are common on some faces. It is a rake sample. Zap pits are rare.



FIGURE 1. Scale in cm. S-72-43410.

PETROLOGY: Petrographic descriptions are provided by Dowty et al. (1974a) and Warner et al. (1976b). Texturally 65326 is a typical cataclastic anorthosite, with angular clasts of plagioclase in a fine-grained matrix of plagioclase. Some heterogeneity is present with some coarser, clast-rich areas separated by regions of predominantly fine-grained, granulated material (Fig. 2). Pyroxene is the only mafic phase present and is very rare. Mineral compositions are shown in Figure 3 and tabulated by Dowty et al. (1976). Ilmenite is an accessory phase.

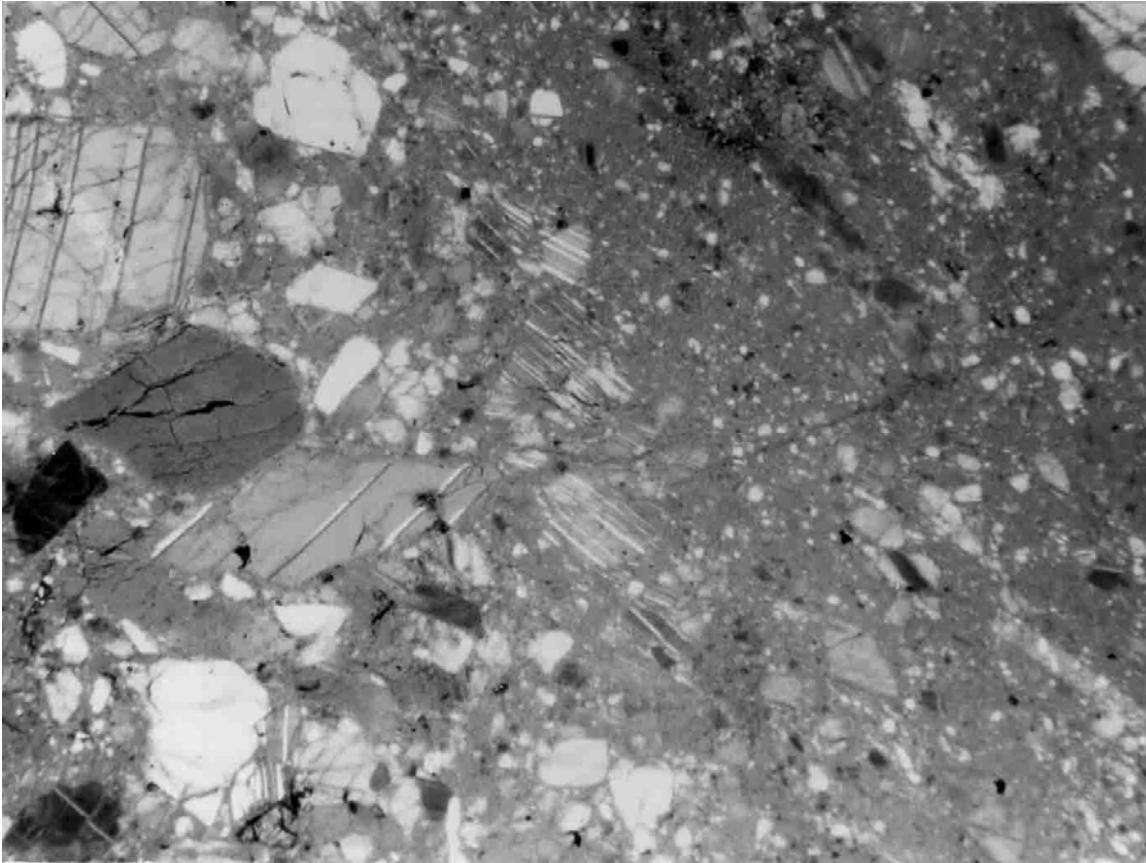


FIGURE 2. 65326,3. General view, partly xpl. Width 3 mm.

CHEMISTRY: A defocussed electron beam analysis (DBA) is presented by Dowty et al. (1974a) and reproduced by Warner et al. (1976b) and here as Table 1. The analysis indicates that 65326 is virtually pure plagioclase.

PROCESSING AND SUBDIVISIONS: In 1973 two small chips and some fines (,1) were allocated to Keil for petrography.

TABLE 1. Chemistry of 65326.

SiO ₂	44.5
Al ₂ O ₃	35.6
FeO	0.23
MgO	0.07
CaO	19.1
Na ₂ O	0.45
K ₂ O	0.06
P ₂ O ₅	0.03

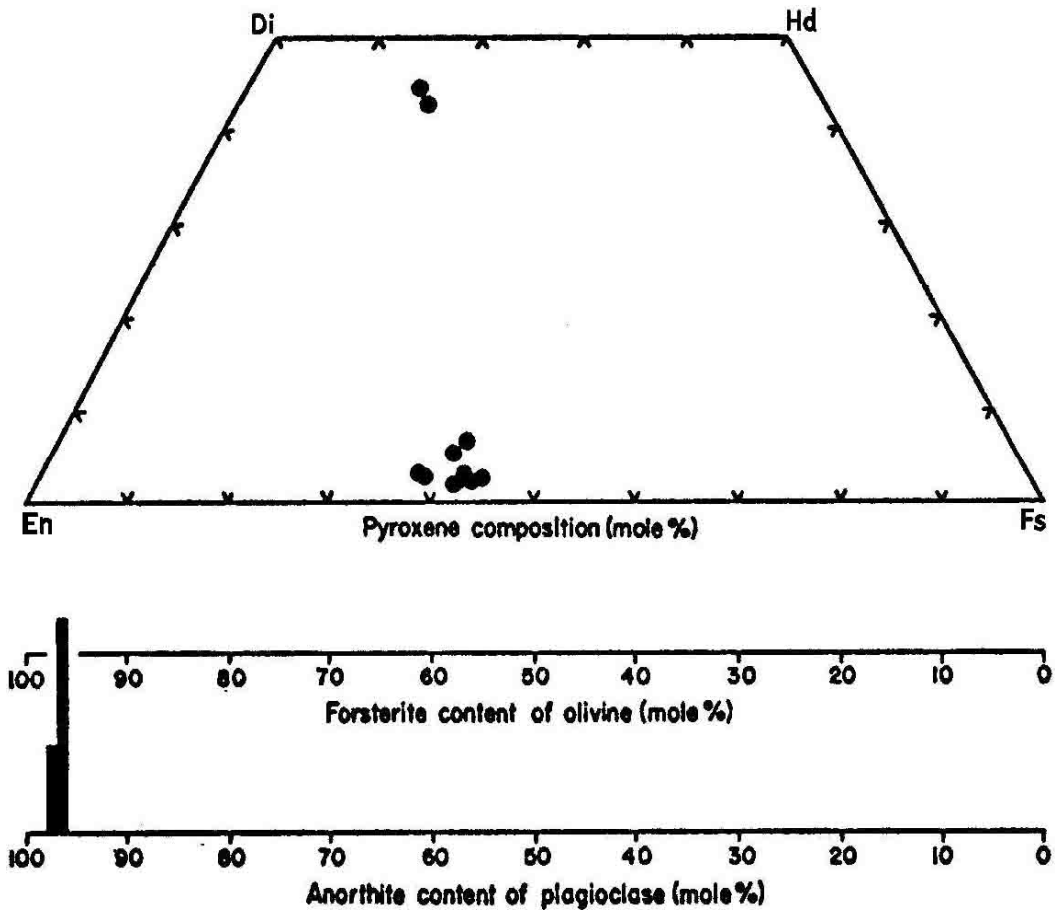


FIGURE 3. Mineral compositions; from R. Warner et al.(1976b).