Introduction
67769 is a rake sample collected from the rim of North Ray Crater – see section on 67701. It has a micropoikilitic texture indicating that it is an impact melt breccia.

Petrography
Steele and Smith (1973) studied the mineral chemistry of 67769, finding that plagioclase was An_{85-95} and that both high-Ca and low-Ca pyroxene were present. The pyroxene forms oikocrysts that surround plagioclase inclusions. Poikilitic ilmenite and Fe-metal is found at boundaries of pyroxene oikocrysts. Figure 2 is from Ryder and Norman (1980). Soffler et al. (1981, 1985) classify it as micropoikilitic impact melt but offer no analysis and it remains unstudied (and an opportunity for future generations).

Processing
There is one thin section.
References for 67769


Ryder G. and Norman M.D. (1980) Catalog of Apollo 16 rocks (3 vol.). Curator’s Office pub. #52, JSC #16904

Smith J.V. and Steele I.M. (1972c) Apollo 16 rake samples 67515 to 68537: Sample classification, description and inventory. Curator Catalog, JSC

