

INTRODUCTION: 67629 is a glass containing small white fragments (Fig. 1). It is a rake sample collected 30 m east of the White Breccia boulders and lacks zap pits.

CHEMISTRY: Haskin et al. (1973) report major and trace element abundances for 67629, summarized in Table 1 and Figure 2. It is a meteorite-contaminated melt similar but not identical to typical Apollo 16 soils and rather less aluminous than Station 11 soils.

PROCESSING AND SUBDIVISIONS: 67629 is the smallest of 4 fragments originally numbered together as 67629. The other three have been renumbered 67695, 67696, and 67697. Chips were taken from the small fragment for chemical and radiogenic isotope studies.

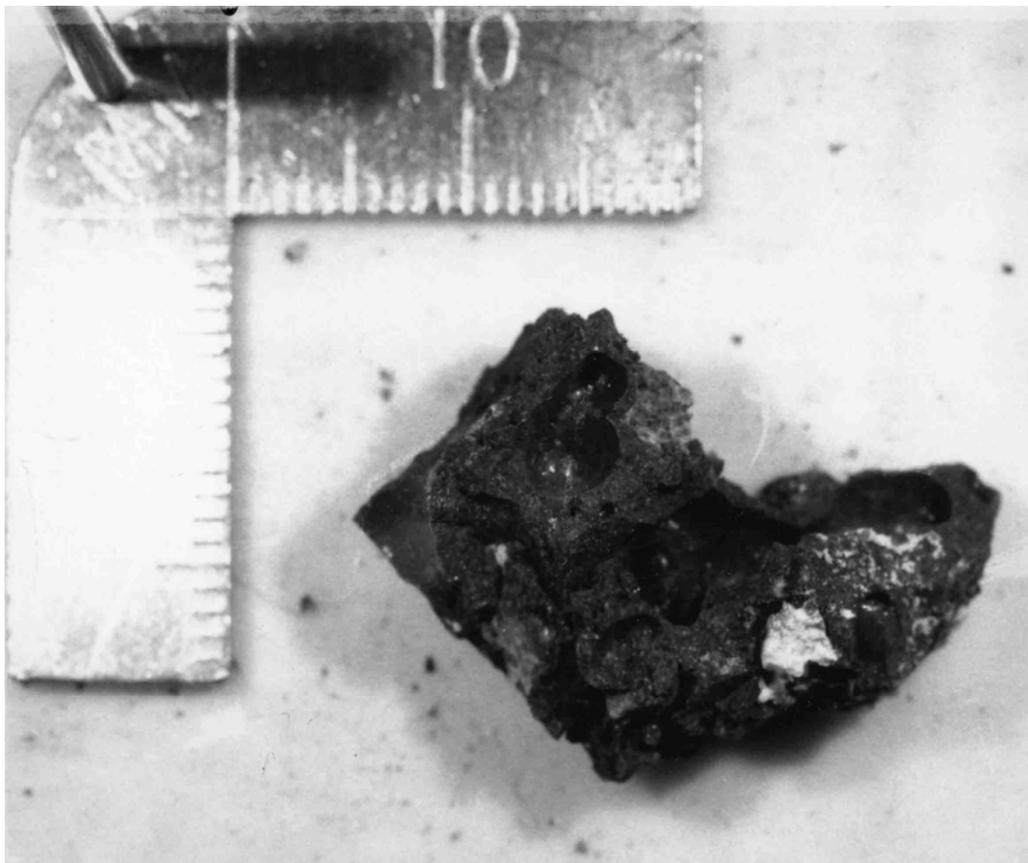


FIGURE 1. Smallest scale division in mm.

TABLE 1. Summary chemistry of 67629 (Haskin et al., 1973).

SiO ₂	46.3	Sr	
TiO ₂	0.85	La	11.7
Al ₂ O ₃	24.0	Lu	0.55
Cr ₂ O ₃	0.11	Rb	3.1
FeO	5.3	Sc	9.4
MnO	0.067	Ni	350
MgO	5.9	Co	23.8
CaO	15.2	Ir ppb	
Na ₂ O	0.62	Au ppb	
K ₂ O	0.137	C	
P ₂ O ₅		N	
		S	
		Zn	11.0
		Cu	

Oxides in wt%; others in ppm except as noted.

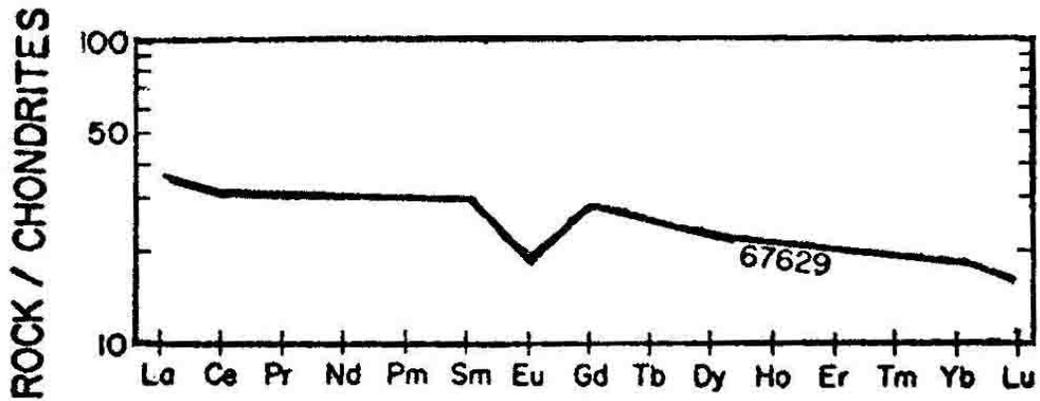


FIGURE 2. Rare earths, from Haskin et al. (1973).