

76556**Micropoikilitic Impact Melt Breccia****7.396 g, 2.5 x 2 x 2 cm****INTRODUCTION**

Sample 76556 was collected as a rake sample from the soil at Station 6 (Phinney et al., 1974).

PETROGRAPHY

76556 is a light grey, microcrystalline impact melt rock (Fig. 1). Thin sections of 76556 indicate a clastic origin. The matrix has a micro-poikilitic texture (Fig. 2).

WHOLE-ROCK CHEMISTRY

Simonds and Warner (1981) point out that this micropoikilitic impact melt breccia has less Fe and more Mg than the boulder at Station 6 (Table 1). They speculate that it may be similar to the large sample 76055.



Figure 1: Photograph of 76556. Scale bar is marked in mm. S73-19597.

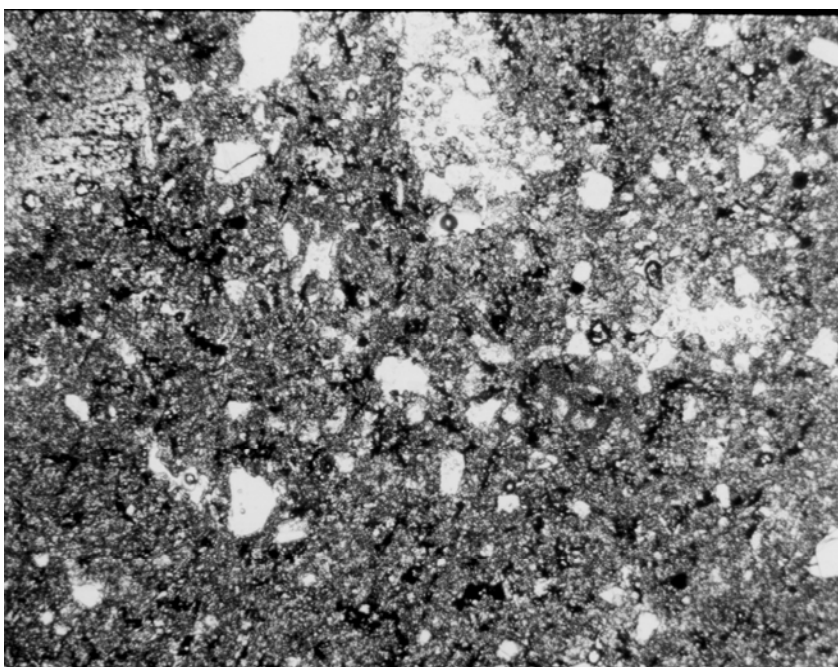


Figure 2: Photomicrograph of thin section 765.56,7. Field of view is 2 x 3 mm.

Table 1: Whole-rock chemistry of 76556.

From Simonds and Warner (1981).

(Cautionary note: These preliminary analyses were made by fused bead electron microprobe analyses, R. Brown, analyst.)

Split Technique	,3 EMP
SiO ₂ (wt%)	46.55
TiO ₂	1.47
Al ₂ O ₃	18.73
Cr ₂ O ₃	0.18
FeO	7.40
MnO	
MgO	11.73
CaO	11.47
Na ₂ O	0.75
K ₂ O	0.24