

Meteorite Name: **Acfer 270**  
 Country: Algeria  
 State/District: Agemour  
 Co-ordinates: 27°31'7"N, 3°51'26"E  
 Date of find : 1991, October 14

Total known weight: 0.298kg  
 Number of pieces: 4

## Classification:

Type: Stone **CR2**  
 Carbonaceous chondrite (Renazzo group, type 2)

Remarks: brecciated

Mineral Olivine Fa 7.4, Stdev. 12.4  
 Analyses: Pyroxene Fs 3.4, Stdev. 1.7

Shock stage: S2  
 Weathering state: W2

Pairings: *Acfer 059*

Synonyms: *not known*

## Description and references:

Listed, Met. Bull. 73, Meteoritics, 1992, 27, p.477. Classification and analysis, A.Bischoff, T.Geiger, and T.Grund, Institut für Planetologie, Univ. Münster, Germany. Sulfur, Se, Na and Ni abundances, G.Dreibus et al., Meteoritics, 1995, 30, p.439.

## Repositories of specimens:

158g: Berlin, Mus. Naturk., Humboldt Univ. [main mass]  
 27.3g: Hanau, Zeitschel Colln.  
 23.4g: Vienna, Naturhist. Mus.  
 15.3g: Münster, Univ.  
 specimen: Milton Keynes, Open Univ.

## Repositories of prepared sections:

Münster, Univ. (PTS)