

# Cometary Cell C2097

## Images

**Aerogel Cell:** [C2097-01.jpg](#)  
[C2097\\_T1\\_20X.jpg](#)

**Cell History:** Cell C2097 was removed from the cometary grid on September 14, 2006.

**Track Information:** The tile has several small and one large track.

## Feature Images

## Allocation History

## Results

### Log Entries

**Note:** All track / features (e.g., T1) numbers assigned during the Level 3 scanning are to be considered “**Temporary**” and in do not relate to the “Official” track number that is assigned when a given features is extracted (e.g., Keystoned) from a tile. Abbreviations: EH – Entrance Hole, TP – Terminal Particle, MTW – Maximum Track / Bulb Width, TL – Track Length.

**Oct. 31, 2006**

**J Warren**

C2097-T1 - X=3.57 mm, Y=1.869 mm. Track length is 3.959 mm and is a standard carrot type. Bulb width 221  $\mu\text{m}$ . TP at  $\sim 15 \mu\text{m}$ . EH at  $\sim 97 \mu\text{m}$ .

C2097-T2 - X=3.430 mm and Y=6.123 mm. T2 photo taken from the top side tilted forward. T1 was in the way. Track length is 1.376 mm. EH=33 microns. TP  $\sim 8 \mu\text{m}$ .

C2097-T3 - X=12.582 mm and Y=10.813 mm. T3 has at least 2 track out of the bulb. Longest is 3.77 mm but the TP is so small that you can not see it. The next track out of the bulb is 2.875 mm and the TP is  $\sim 20 \mu\text{m}$ . EH=195  $\mu\text{m}$ . In the entrance hole photo for T3 you can see the T4 impact also.

C2097-T4 - X=13.032 mm and Y=11.707 mm. T3 is in the way, but T4 looks to have several tracks out of the bulb. The bulb maximum width is 110  $\mu\text{m}$  and the longest track is 494  $\mu\text{m}$ . Largest TP is  $\sim 15 \mu\text{m}$ .

C2097-T5 - X=20.330 mm and Y=14.030 mm. This might not be the real thing, but it does travel down into the aerogel. At the entrance hole, some of the aerogel is gone, so it is not as typical as the majority. EH=22  $\mu\text{m}$ . Track length is 220  $\mu\text{m}$ . At high mag and from the top the TP looks to be flat and  $\sim 30 \mu\text{m}$ . Like I said, this might not be anything.

That is it for the Tracks and for the day.  
15:20 JW

**Nov. 1, 2006**

**J. Warren**

C2097: Setting up to do Back Lighting 7X and 20X Mosaics.

Top 7X and Top 20X are completed.

C2097 put back into GN2 cabinet.

J. Warren 09:30.