

# Cometary Cell C2048

## Images

**Aerogel Cell:** [C2048-01.jpg](#)  
[C2048\\_T1\\_20x.jpg](#)

**Cell History:** Cell C2048 was removed from the cometary grid on May 18, 2006 and is currently located in the remote storage facility at White Sands, New Mexico. This sample is not available for allocation.

**Track Information:** The tile has several small-sized tracks.

## 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.

#### 5-31-2006 – T.H. See

Removed Cell **C048** from cabinet and mounted in Level 3 fixture after determining the Level 2 orientation.

Set system up for Depth Profiles.

Depth Profiles completed at ~ 12:50. System set up for track documentation.

Front Left Fiducial – Images is blurry due to the left end of the Level 3 fixture interfering with the image to the camera path.

C048-T1 – Not sure if this is actually a track. Morphology is non-characteristic of the average track. Through right eyepiece, the object appears to have particles scattered along the length, yet is virtually invisible with the left eye, which unfortunately, is the optical path to the camera, so the image is of extremely poor quality. This may simply be a crack in the aerogel. What ever it is, it extends to ~ 450µm deep in to the tile.

C048-T2 – Small track near the back surface of the tile. Track is bifurcated and possesses terminal particles on the two visible stylus. One stylus measures ~ 270 µm, while the longer one is ~ 315 µm in length. EH is ~ 11 µm and MTW is ~ 35 µm.

C048-T3 – Very small ~ 95 µm long. Possible particle visible at end of carrot on the order of 5 µm in size. EH is ~ 8 µm with a MTW of ~ 21 µm.

Converted lighting over to backlighting for 7x & 20x mosaics from the top.

Acquired Top View mosaics at 7x and 20x.

Removed tile from system and placed back in container and the container in the storage cabinet.