

Cometary Cell C2035

Images

Aerogel Cell: [C2035-01.jpg](#)
[C2035_T1_20x.jpg](#)

Cell History: Cell C2035 was removed from the cometary grid on 9-14-06.

Track Information: The tile has several visible, medium-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.

September 28, 2006

Removed C2035 from cabinet and mounted in the Level 2 orientation in to the Level 3 fixture. Updates Level 3 System Settings file for Warren.

C2035

Since the backlight panel was already mounted on the system, I did the Level 3 Top 7x and Top 20x mosaics first before switching to the Tungsten lightpipe.

Began processing at 9:00 am.

Verified that microscope stop would prevent scope from impacting tile due to in-depth focus. Completed the 7x & 20x Top View mosaics.

Tracks

C035-T1 – Measure coordinates while in Top-View mode are X=3.018, Y=6.809 with a depth of 2.406. TP measures ~ 17 x 8 μm . Location when measured from the below top 15° position is 2.484, 8.180. Max bulb is ~ 230 μm

C035-T2 – Measured while in Top-View mode. 7.643, 2.732 with depth of ~ 624 μm . TP2 = ~ 6 μm . Location from 15° view is 7.197, 4.231. Measured from side, depth is 1.058 mm. Max bulb width is ~175 μm .

C035-T3 – Measured in Top-View mode, 18.725, 14.592 with a depth of 934 μm . TP ~ 8 μm . Max bulb width is ~ 111 μm . Depth from side is 948 μm .

Took backlight images of tracks 1 & 2.

No extra tracks found with Tungsten backlight source and the tile tilted 15°.

Completed the seven Depth Profiles @ ~ 11:30.

Removed tile from fixture and placed back in sample cabinet with the other completed tile.