

Cometary Cell C2115

Images

Aerogel Cell: [C2115-01.jpg](#)
[C115_T1_20x.jpg](#)

Cell History: Cell C2115 was removed from the cometary grid during the first extraction in January 2006. The cell was transferred to the University of California at Berkeley for processing.

Track Information: The tile has several small- to medium-sized tracks that were keystoneed resulting in Tracks 18 – 24, 31, 33, 34, and 45.

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., Keystoneed) from a tile. Abbreviations: EH – Entrance Hole, TP – Terminal Particle, MTW – Maximum Track / Bulb Width, TL – Track Length.

C2115 was the first cell to be scanned documented under the Level 3 protocol. Over the next few weeks and months, this protocol was updated and modified to provide more detailed information. Many of the techniques or methods used now were not in place when this tile was documented via Level 3.

Cell **C2115** was removed from the sample cabinet and mounted on the Level 3 fixture by F. Hörz.

Top Views

- 1) Level 3 pass @ 20X on top surface of cell (C115_L302_20x) with rear illumination.
- 2) Level 3 pass @ 20X on top surface of cell (C115_L303_20x) with illuminations from top and bottom at modest angles (~15 degrees).
- 3) Level 3 pass @ 7.11x on top surface (C115_L03_711x) with illuminations from top and bottom at modest angles (~15 degrees).
- 4) Level 3 pass @ 40x on top surface (C115_L03_40x) with illuminations from top and bottom at modest angles (~15 degrees).

Side Views

- 1) Level 3 pass @ 7.1X from the side with rear illumination. Two passes. One at the front (a) of the tile and one focused at the rear (b).
- 2) Level 3 pass of rear back surface of aerogel at 20x (C115_L304_20x.)
- 3) Took additional pass of object at halfway into cell at ~1 cm depth (C115_L304_20x_halfdepth)
- 4) Scan @ 1 cm depth at 40x (C115_L304_40x).