

Cometary Cell C2017

Images

Aerogel Cell: [C2017-01.jpg](#)
[C2017_T1_20x.jpg](#)

Cell History: Cell C2017 was removed from the cometary grid on September 14, 2006

Track Information: This cell had several notable, small and 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 27, 2006

J Warren & TH See removed C2017 and mounted in the Level 3 fixture in the Level 2 orientation.

System setup and initial mosaic taken at 9:25 to check alignment. System was slightly out of alignment and was corrected by Warren & See.

C2017

Seven Depth Profiles completed at ~ 10:20. Setup changed for Tungsten lighting of Tracks. Top of tile rotated ~ 15° away from the scope, so that we are looking in with the scope from below the exposed surface.

C017-T1 – Largest track in tile, one of two in this same area. Located ~ 15 mm from the left edge and 14.4 (9.152) mm from the front surface. TP is ~ 38 x 22 µm across. The larger track is ~7.7 mm deep. Max bulb width of 412. (X=14.897, Y=8.77 measured from top)

C017-T2 – Located directly in front of T1, and has a depth of ~ 6 mm. Nice TP at the end of this track as well. Track is located at 15.2 from left end and 11.5 (8.2) from front surface. Bulb width of 230. TP is ~ 27 to 30 µm. (x=15.078, Y=8.107 measured from top)

C0217-T3 – Small track located ~ 19.9 from left and ~ 9.7 from front edge or surface.

C017-T4 – Nice small-sized track. Located near the front edge ~ 24.5 mm from left end and & 4 mm in from front. Max bulb width of 45. Track depth is ~ 940.

C017-T5 – Medium sized track toward the back of the tile. Located ~ 29.3 from left end and 19 mm from the front surface. Track is ~ 650 µm deep. Max bulb width is ~ 40 and the TP is about 15 µm and light in color.

Finished Top 7x and 20x mosaics, and directly measured X&Y for all featuers we could locate with confidence, which turned out to be only T1 & T2.