

Cometary Cell C2054

Images

Aerogel Cell: [C2054-01.jpg](#)
[C2054_T1_20x.jpg](#)

Cell History: Cell C2054 was removed from the cometary grid in February 2006. The cell was transferred to University of California at Berkeley for processing.

Track Information: The tile has several small- to medium-sized tracks, which were keystoneed resulting in Tracks 26 – 30 and 85 - 89.

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.

THSee – 02-10-06

Began Level 3 on **C054**.

Completed Depth Profiles and Top-View mosaics.

Details images of individual tracks.

C054-T1 – Small track located 8 mm from the front left corner of this tile and ~1 mm from the front surface. This track measures ~995 μm long and does have a terminal particle at the end. Imaged at 50x. Terminal particle s is ~ 12 μm in size. Entrance Hole is ~ 23 μm across while the max track width is ~ 52 μm .

C054-T2 – Larger track on far end of tile located ~3.35 cm from 0,0 and 1.14 cm from the front surface. Imaged at 32x. Max track length is ~1.6 mm, while a shorter stylus measures ~ 1.1 mm. Entrance hole measures ~ 92 μm across while max track width is on the order of 275 μm . Terminal particle at the end of the longer stylus is ~ 13 μm is size.

C054-T3 is the large track in this tile. It is located ~1.66 cm from the left or 0,0 and ~1.4 cm from the front surface. Imaged at 16x; took 3 images to complete. The terminal particle is located ~1.5 cm from the front surface. Another image taken at 7.11x. Track is ~1.17 cm long. Entrance Hole is ~ 1480 wide and max track width is ~ 3530 μm , not including the extended fractures from this event, which extends out to ~ 6200 μm .

C054-T4 – Located ~8.5 mm from 0,0 and 1.5 cm from the front surface. Imaged at 32x and measures ~1.7 mm in length. There are four (4) separate terminal particles at the end of four (4) tracks / stylus

originating from the main carrot. Entrance hole opening is ~ 70 μm from this blurry image, with max track width on the order of 190 μm .

C054-T5 – Located ~5 mm from 0,0 and 6.2 mm from the front surface. This track is located in an area that is already beginning to separate due to a crack in the tile. The track was imaged at 32x and measures ~1.7 mm in length. Entrance hole is on the order of 50 μm with max track width at ~ 125.