

Cometary Cell C2081

Images

Aerogel Cell: [C2081-01.jpg](#)
[C2081_T1_20x.jpg](#)

Cell History: Cell C2081 was removed from the cometary grid on September 14, 2006.

Track Information: Tile has several small and one large, multi-styli impact features.

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.

Oct.30,2006

J. Warren

Setting up to do C2081

Cell is messed up on the top left surface. Spent ~1 ½ hrs finding all the tracks. Only four tracks that I could find. Will start the depth profiles after lunch. Having some problems with Image Pro. Re-booting or shutting down and will bring everything back up after lunch. JW

Started doing the depth profiles after lunch. Could not get the image to come up. Got TH See to come in and help me. I had rebooted twice. On the 3rd try I got something. 14:15, depth profiles are done.

Starting track photos

C2081-T1 - Photo taken from the top at about a 45 degree angle from the front view. This end is messed up and could not a photo from underneath. X=14.4 mm and Y=10.2 mm.

C2081-T2 - Photo also taken from the above angle.. X=23.1 mm and Y=13.4 mm. Photot2a is a bottom shot @ 20X and track length is ~930 µm.

C2081-T3 - X=2.3 mm and Y=10.5 mm close to left hand end and is a very narrow track but deep. Can not measure or get much of a photo. Took one though, T3a @ 32X and measured @ ~871 µm.

C2081-T4 - Took photo of EH. X=33.5 mm and Y=13.7 mm. Has ~8 styli coming out of the bulb. TP1 is ~45 µm and is the closes to the front. TP2 is ~38 µm. TP3 is ~20 microns and TP4 is ~30 µm. TP 5 & 6 are 33 and 25 µm. T1 ~ 11.6 mm and T2 is ~ 11.2 mm.

Track lengths measured on the 7x Depth Profiles, image 6 showed track lengths of 13.6, 13.4, & 10.1 mm length styli for the three main visible styli for this feature.

That's all for today. Tracks are done and Mosaics will hold till tomorrow. Time is 1630 JW

Oct. 31, 2006

J. Warren

Did the top 7x & 20x mosaics this morning. This tile is finished for Level 3.

Completed Tile 9:25.