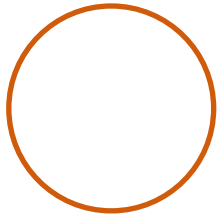


Rejected spots due to probable Pb loss, common Pb or incorrect age relationships (i.e., core younger than rim)



Core spots. Majority of spots included in JD-01 $^{206}Pb/^{238}U$ weighted mean age calculation.

Rim spot. Only one included in $^{206}Pb/^{238}U$ weighted mean age calculation for JD-01.

NA = not analysed because grains are too fractured and/or too small and/or too altered etc.

Spot colours correlate to cores, rims and rejected spots on the associated JD-01 concordia and weighted mean plot (Figure 4.5 in text).

JD01-mount 1

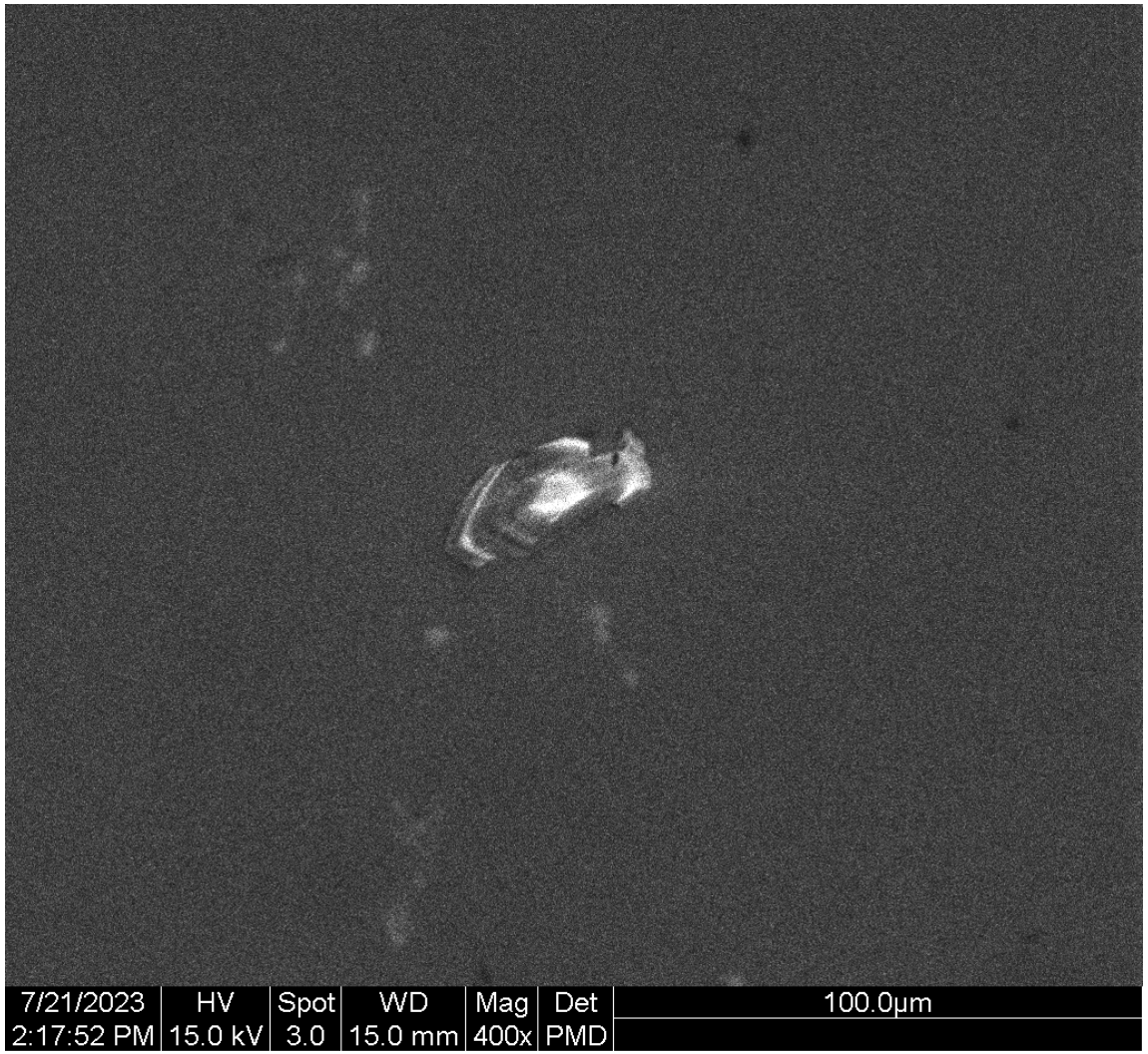
CG22JD01m2-CL_001.tif

No analysis. Grain too small/zones too narrow.



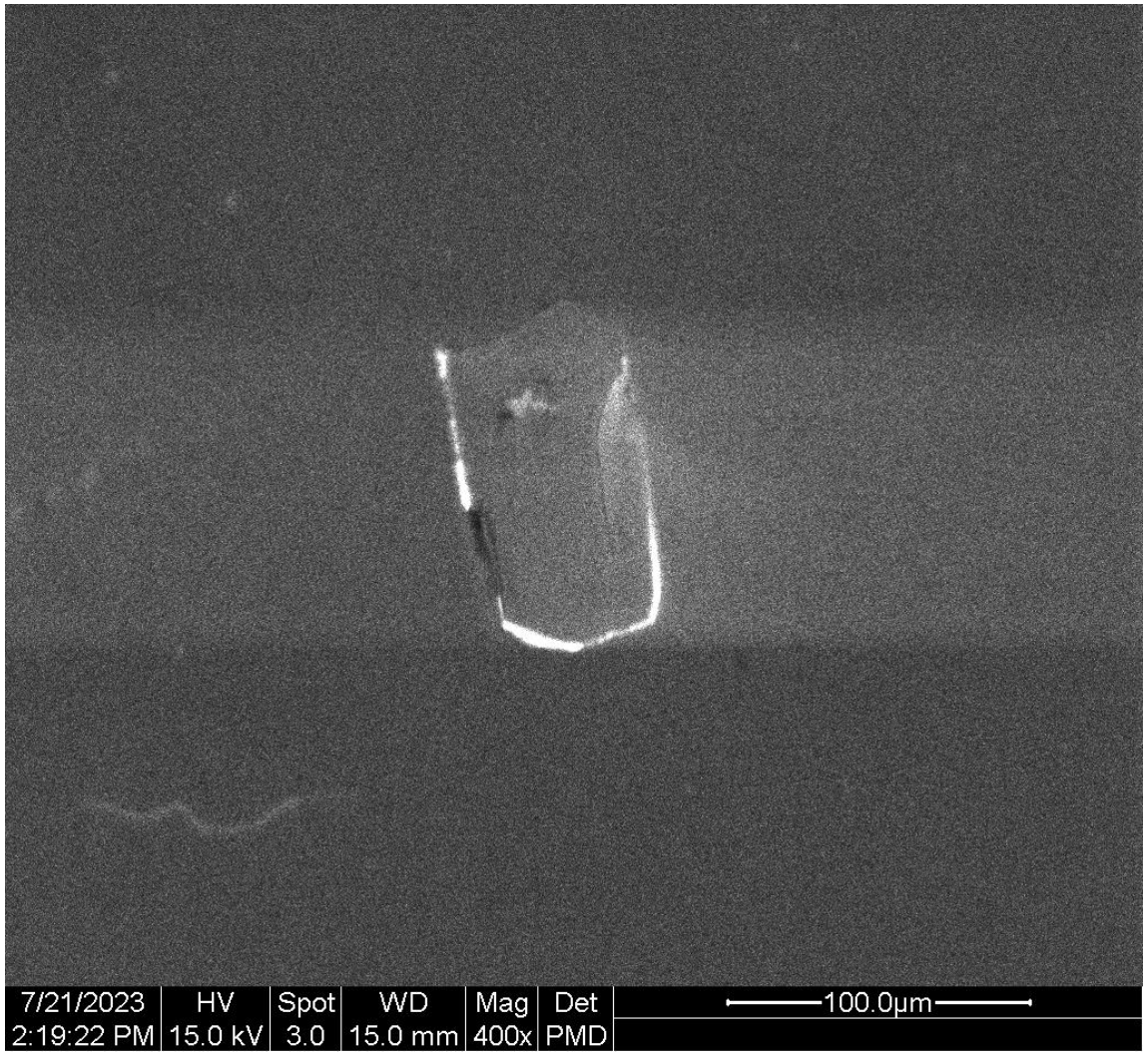
CG22JD01m2-CL_002.tif

No analysis. Grain too small/zones too narrow.



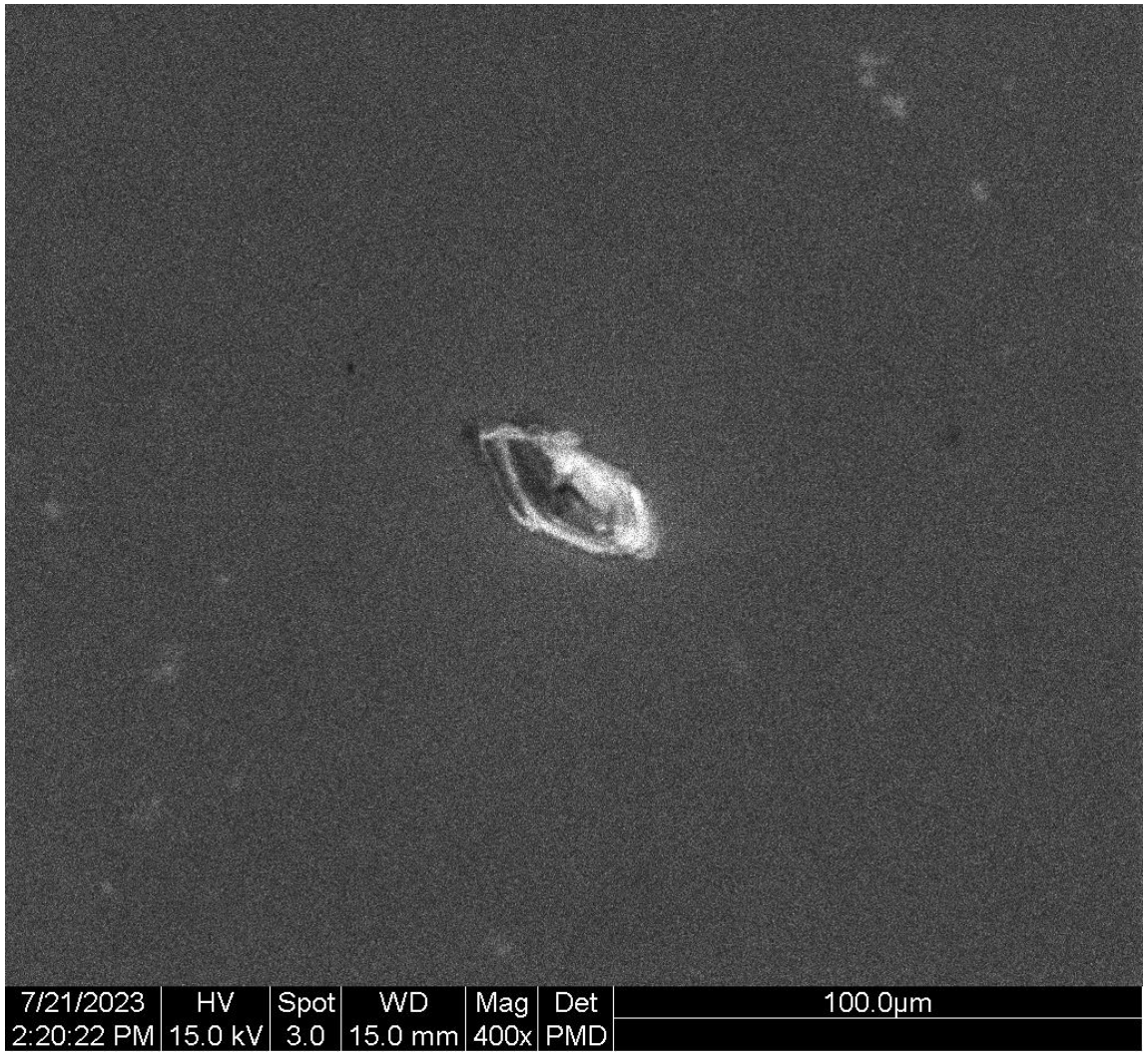
CG22JD01m2-CL_003.tif

No analysis. Not certain grain is a zircon, looks more apatite shaped.



CG22JD01m2-CL_004.tif

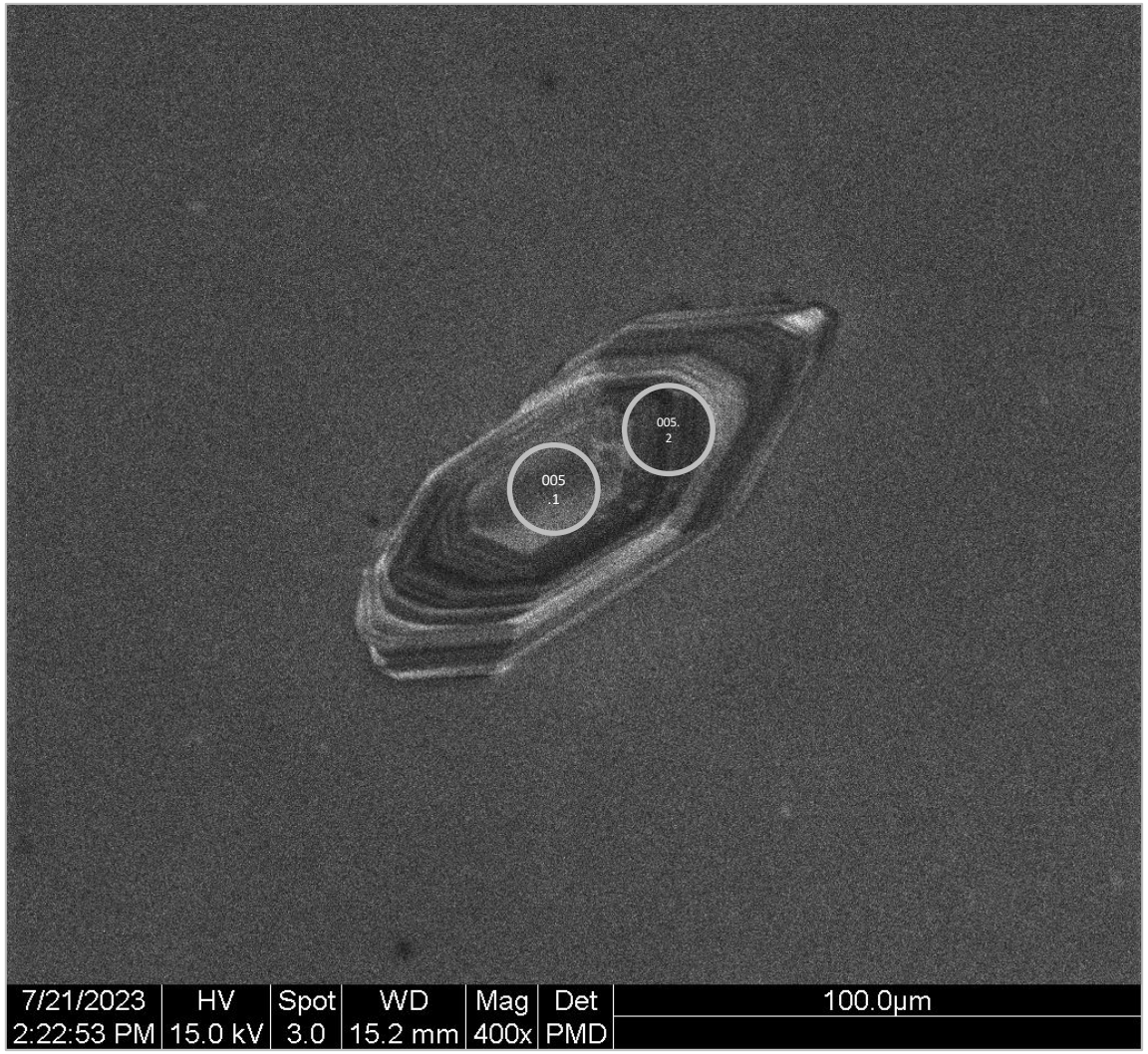
No analysis. Grain too small/zones too narrow.



CG22JD01m2-CL_005.tif

2 x U-Pb

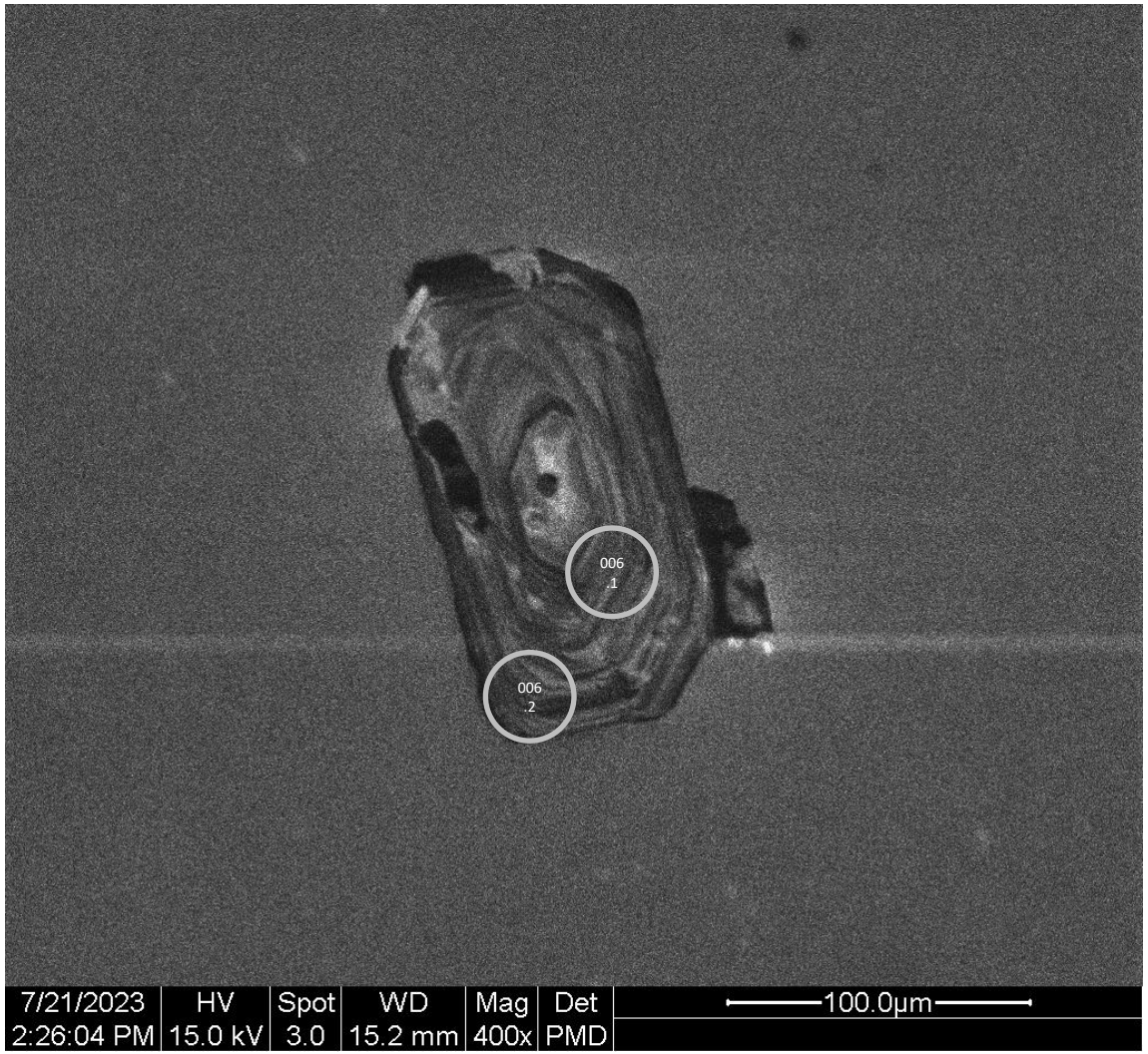
5.1, 5.2



CG22JD01m2-
CL_006.tif

2 x U-Pb

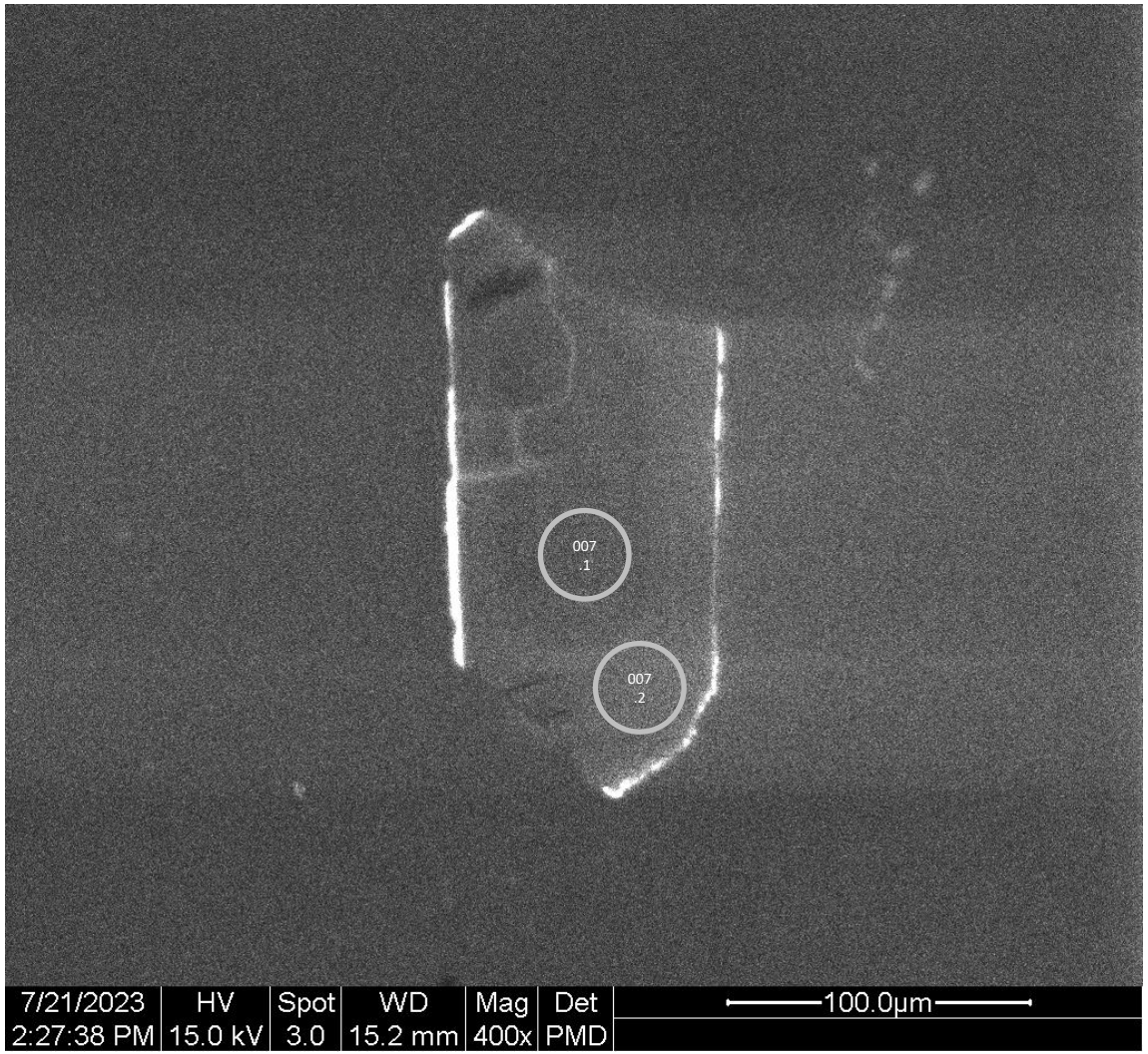
6.1, 6.2



CG22JD01m2-
CL_007.tif

2 x U-Pb

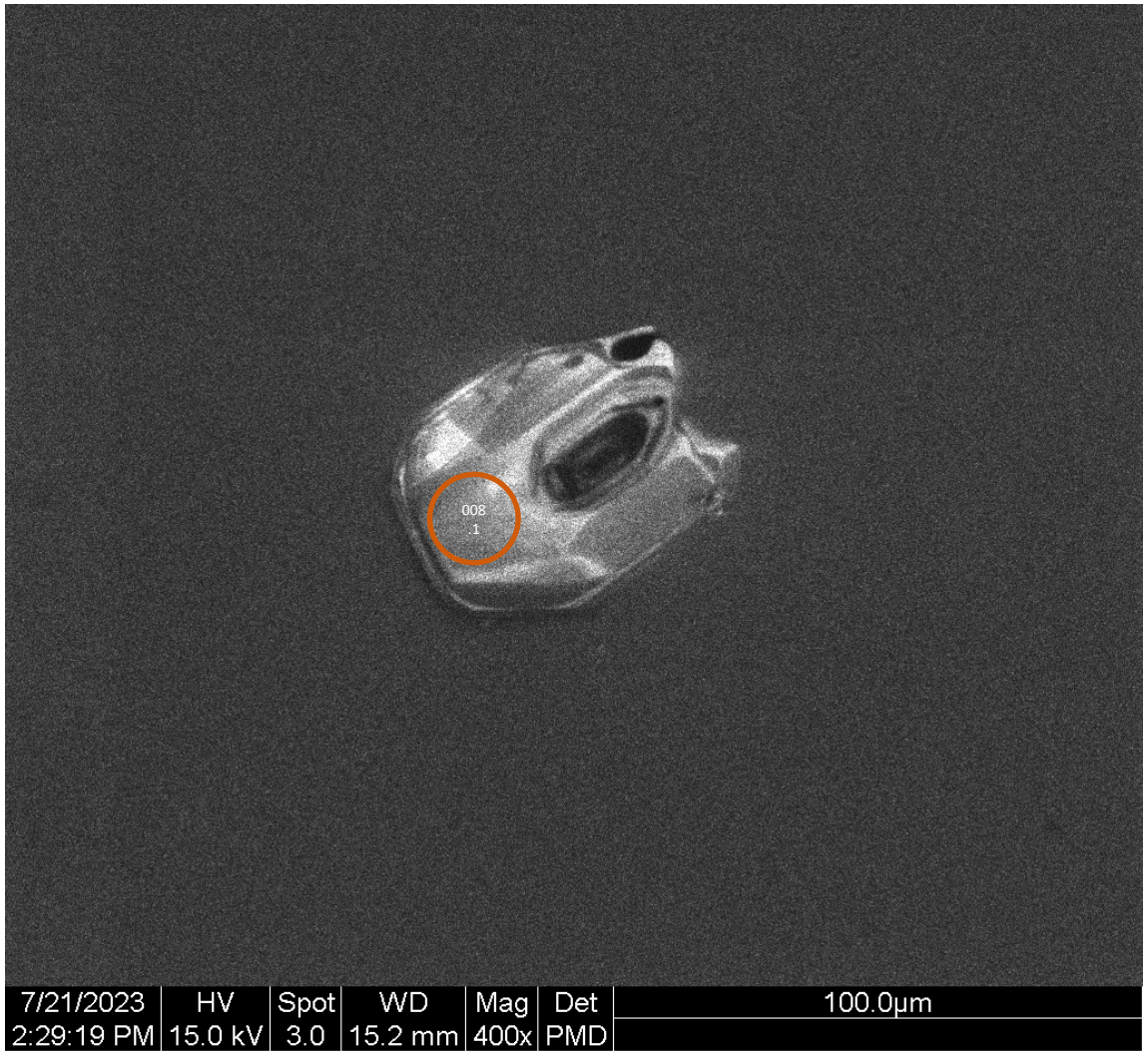
7.1, 7.2



CG22JD01m2-
CL_008.tif

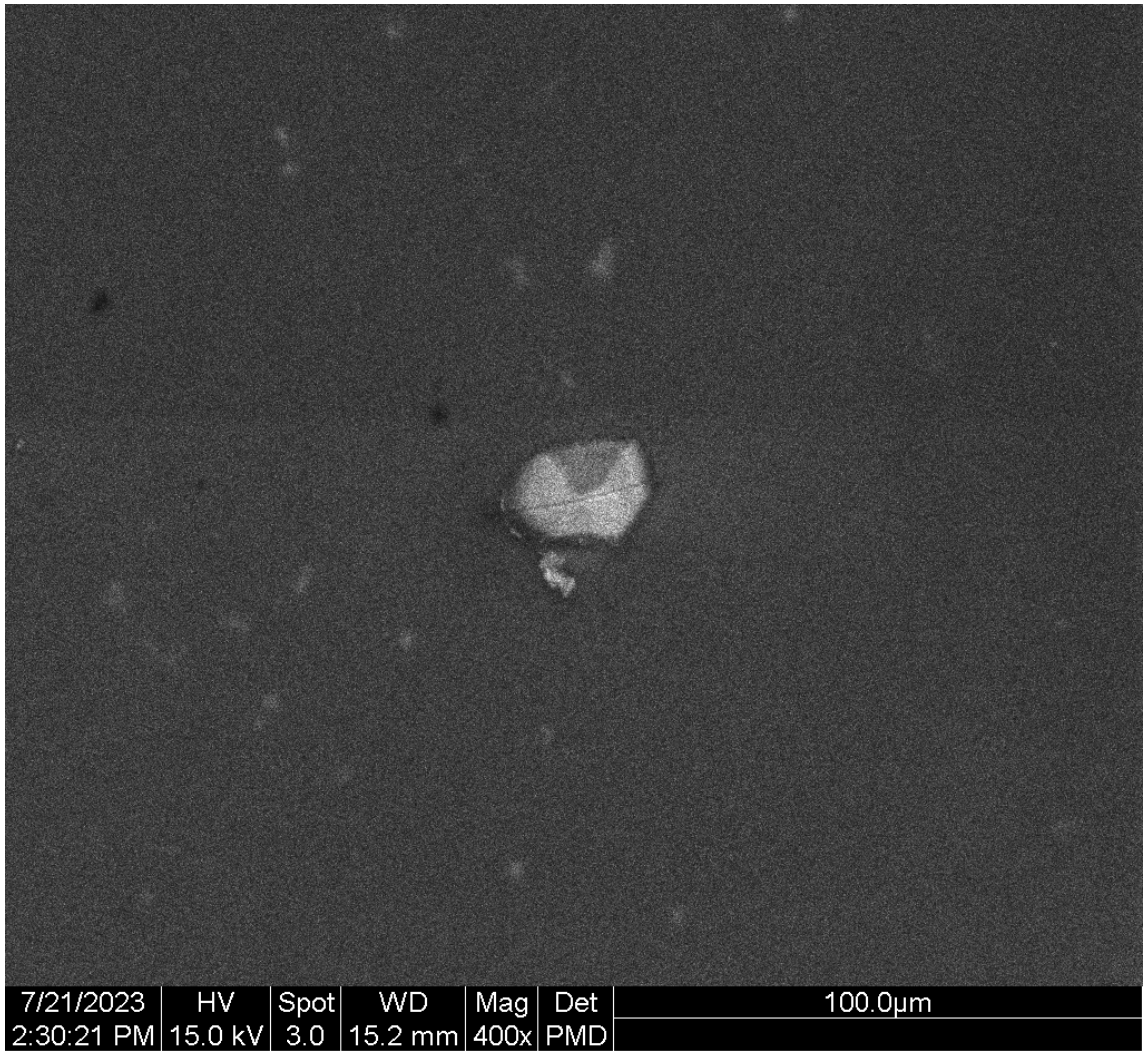
1 x U-Pb

8.1



CG22JD01m2-CL_009.tif

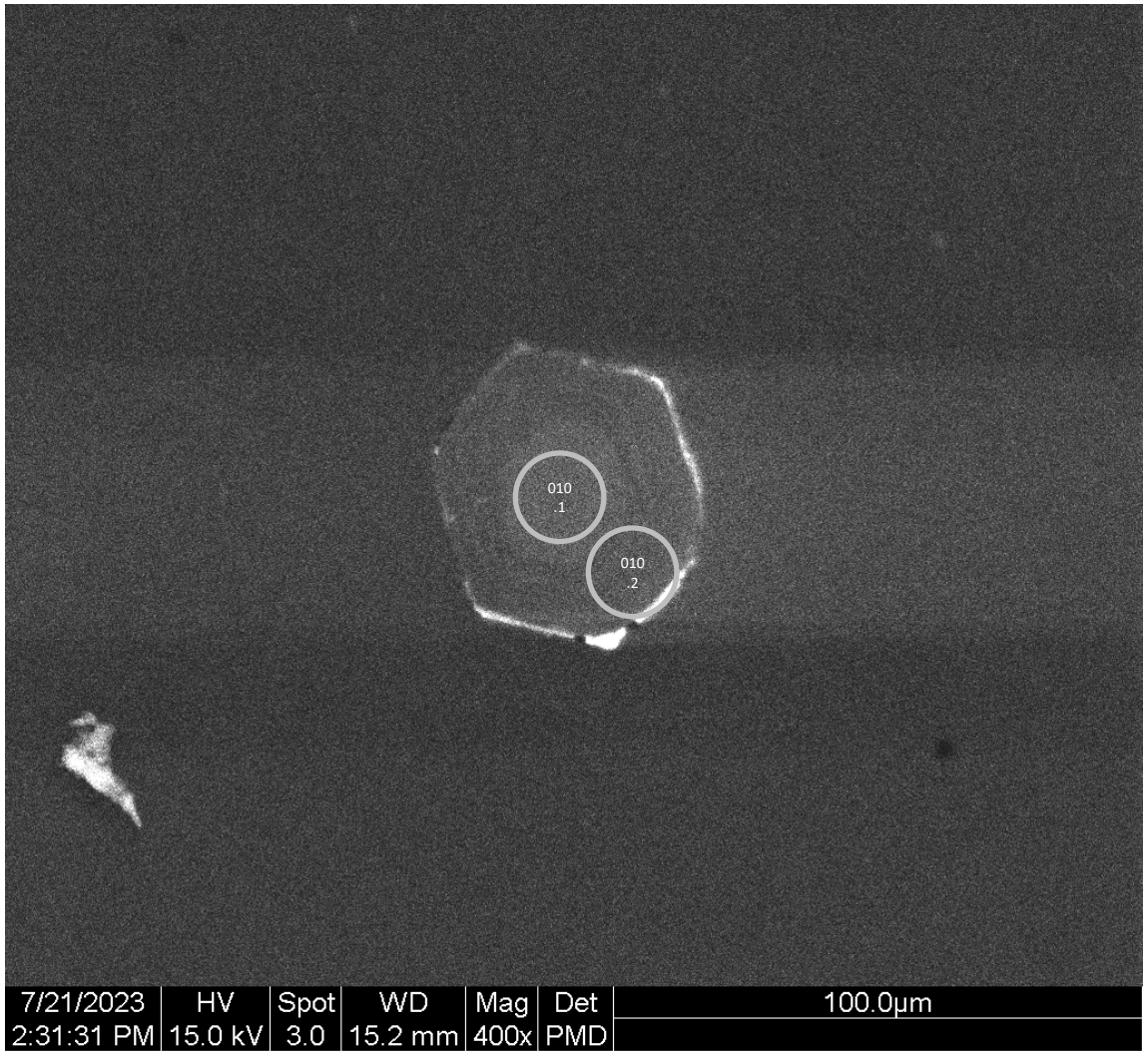
No analysis. Grain too small/fracture straight through middle.



CG22JD01m2-CL_010.tif

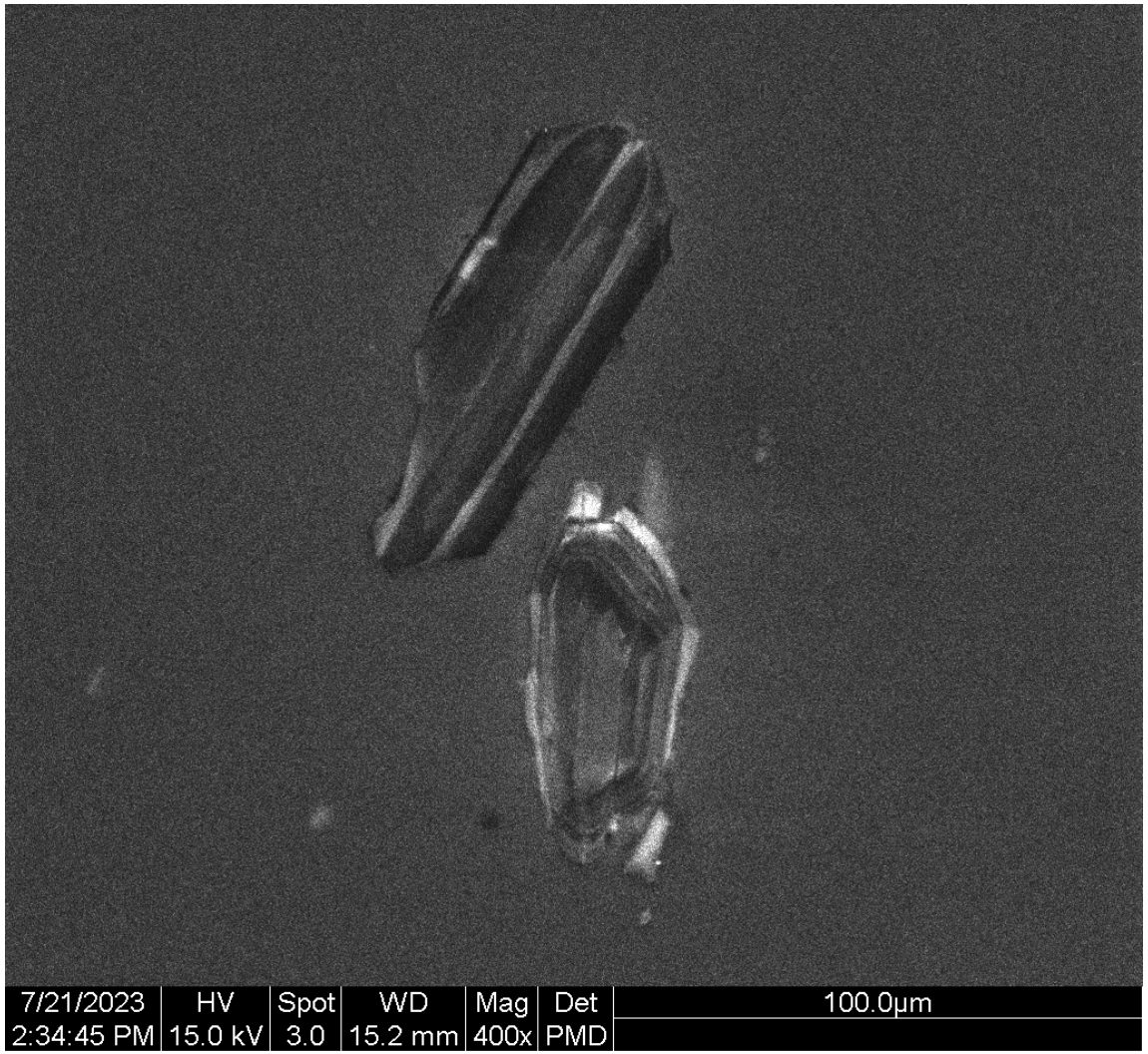
2 x U-Pb

10.1, 10.2



CG22JD01m2-
CL_011.tif

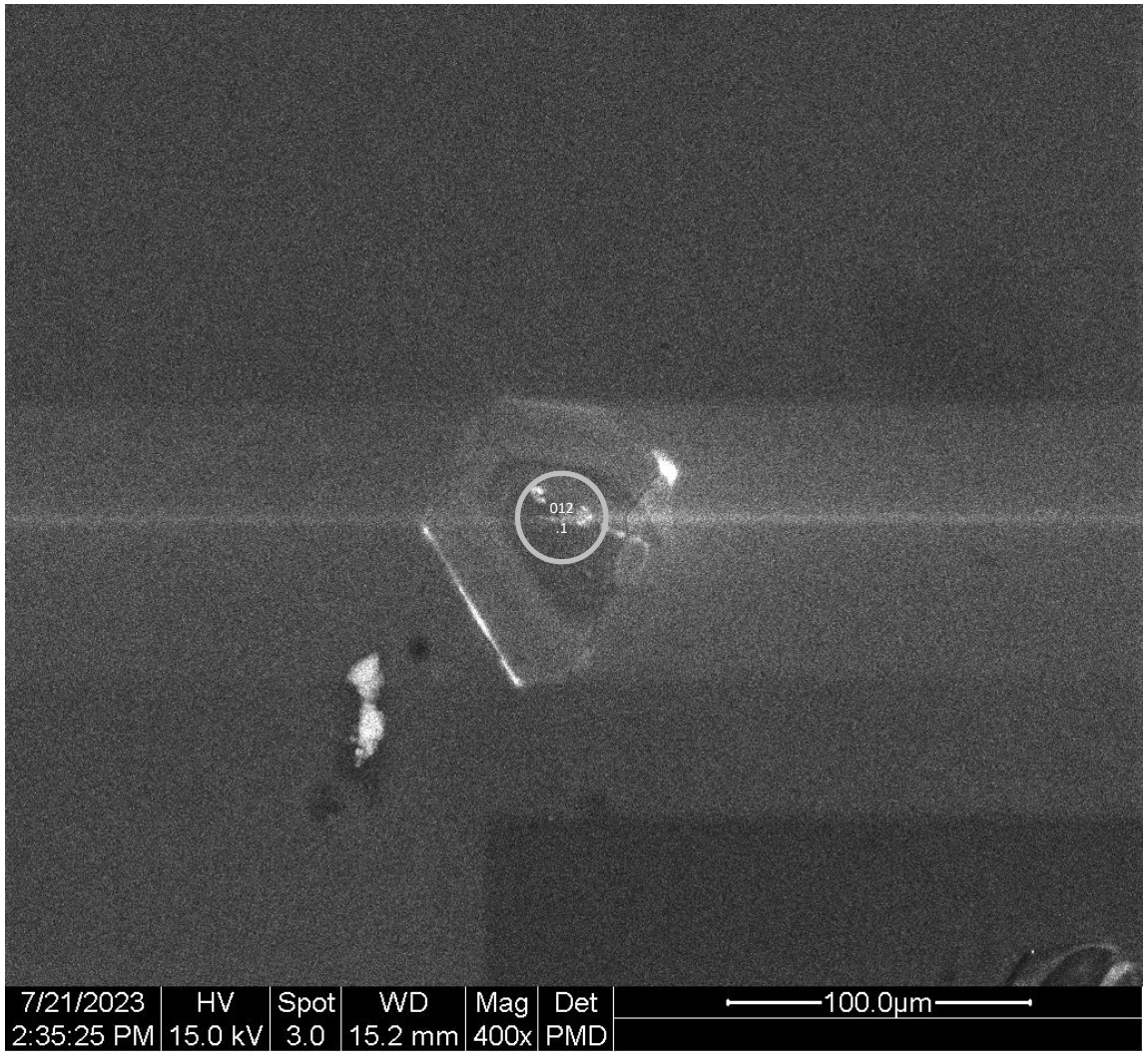
No analysis. Grains too fractured.



CG22JD01m2-CL_012.tif

1 x U-Pb

12.1

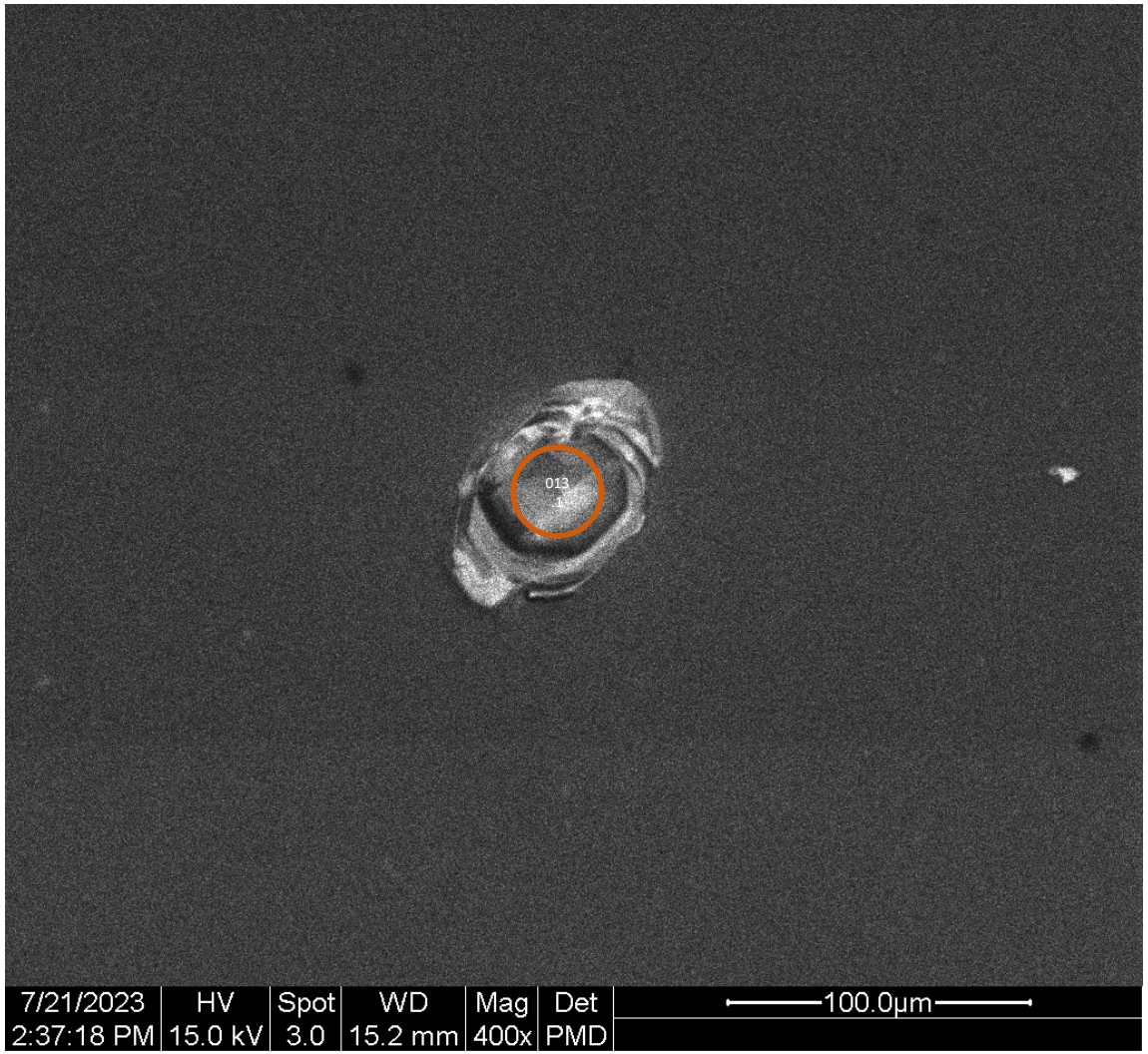


CG22JD01m2-
CL_013.tif

1 x U-Pb

13.1

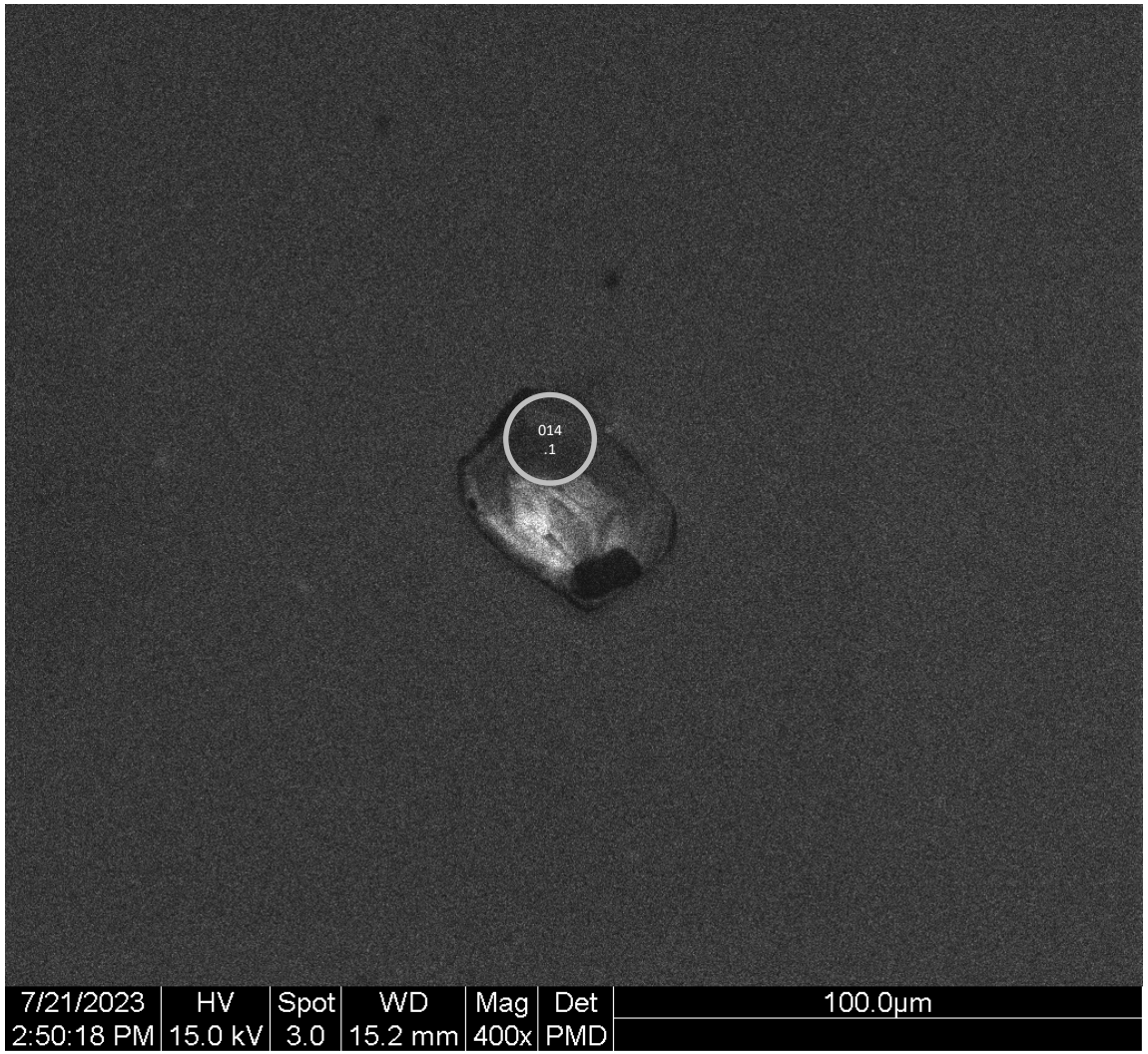
Oldest core/earliest zircon growth in JD-01.



CG22JD01m2-CL_014.tif

1 x U-Pb

14.1



CG22JD01m2-
CL_015.tif

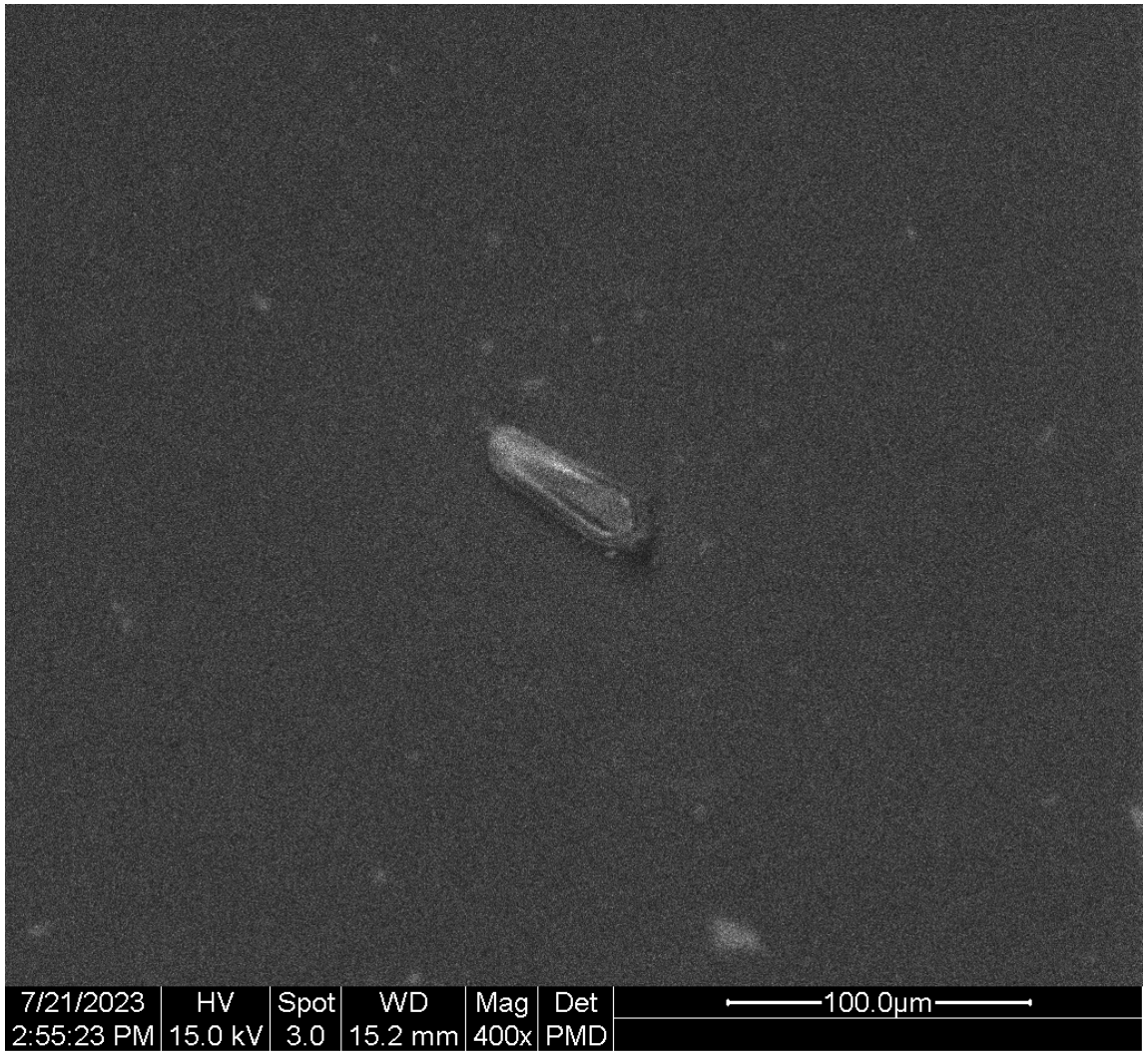
3 x U-Pb

15.1, 15.2, 15.3



CG22JD01m2-CL_017.tif

No analysis. Grain too small/zones too narrow.



CG22JD01m2-
CL_018.tif

2 x U-Pb

18.1, 18.2



CG22JD01m2-
CL_019.tif

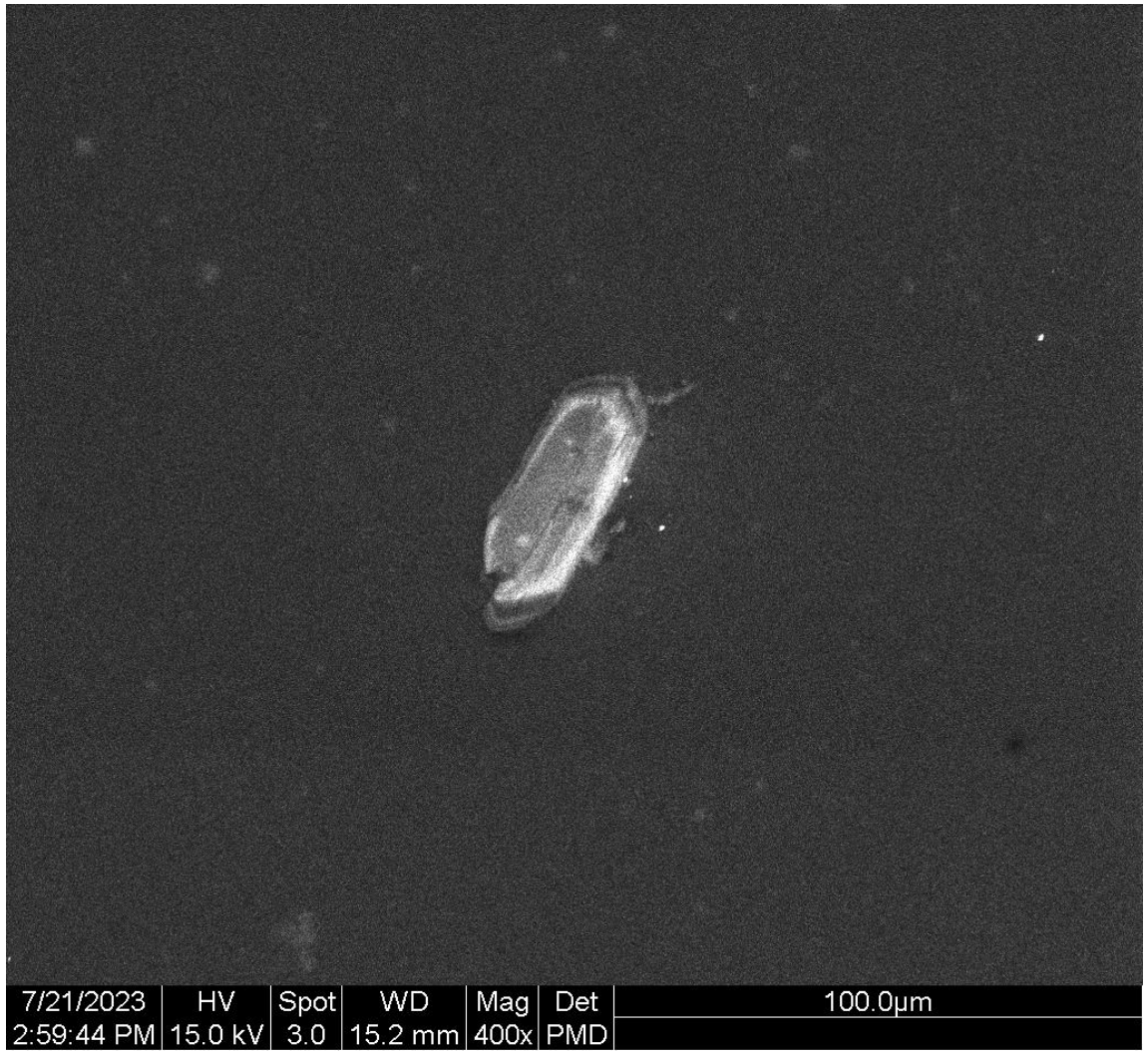
2 x U-Pb

19.1, 19.2



CG22JD01m2-CL_020.tif

No analysis. Grain too small/zones too narrow/too fractured.



CG22JD01m2-
CL_021.tif

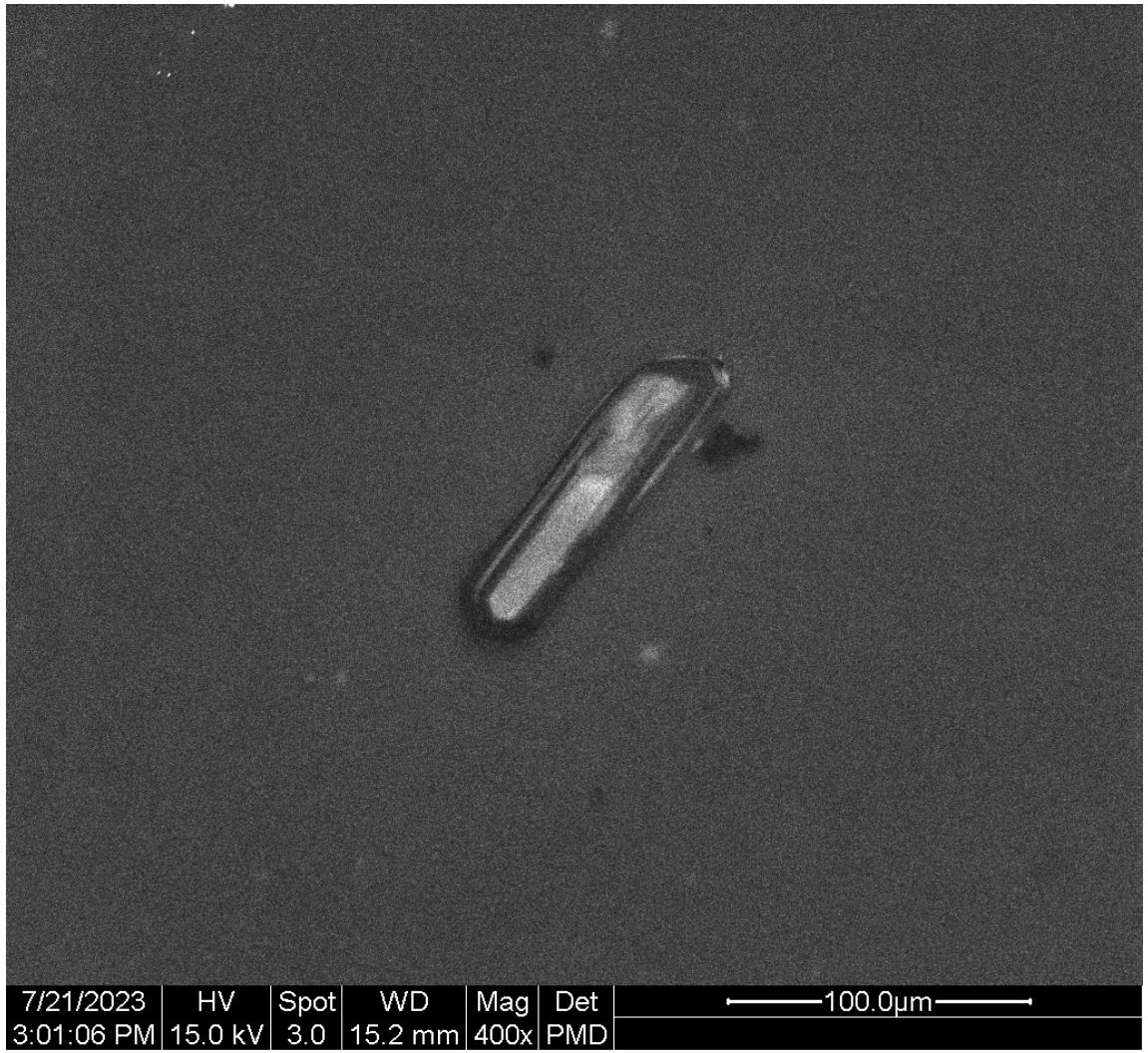
1 x U-Pb

21.1



CG22JD01m2-CL_022.tif

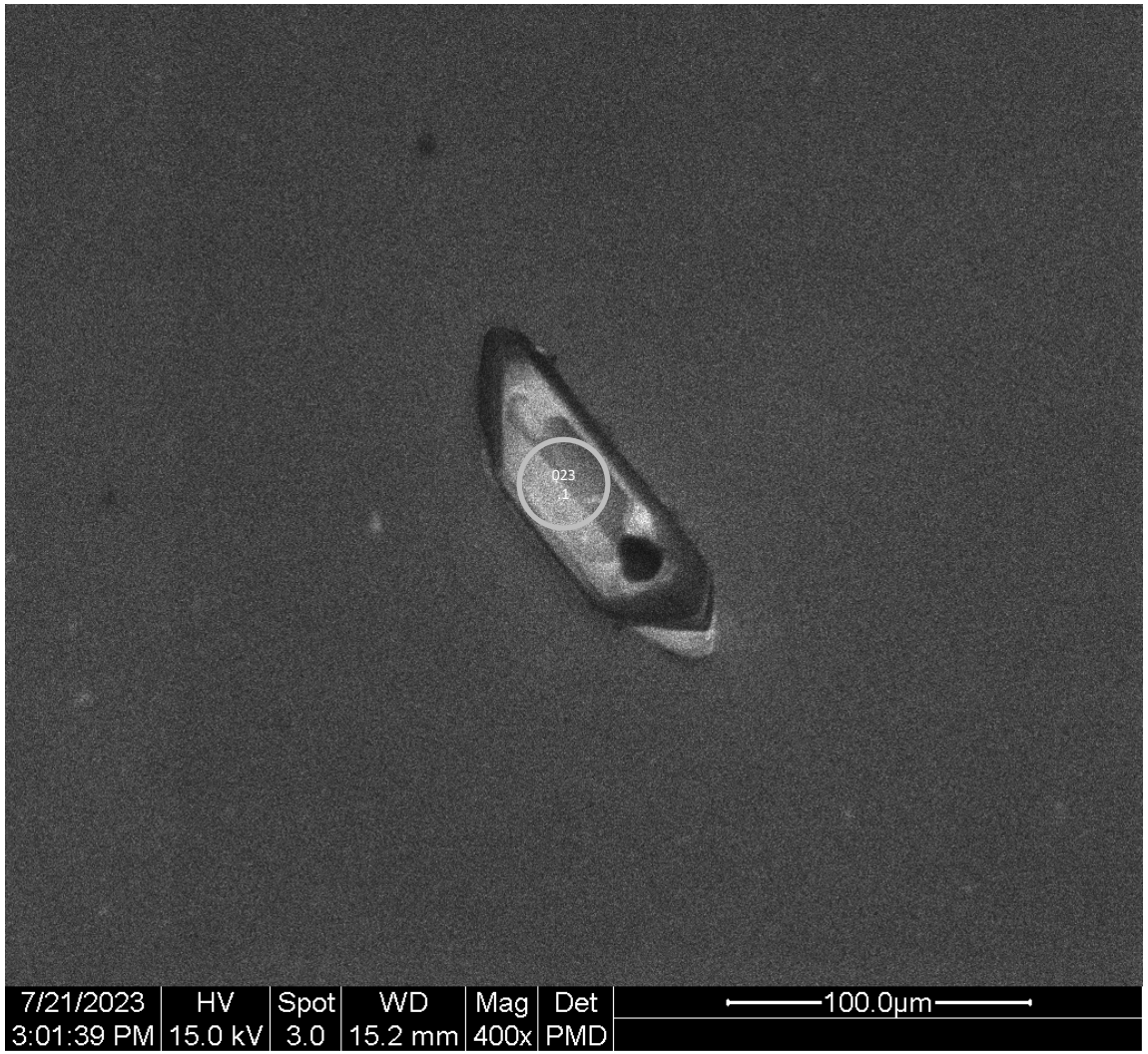
No analysis. Grain too small/zones too narrow/too fractured.



CG22JD01m2-
CL_023.tif

1 x U-Pb

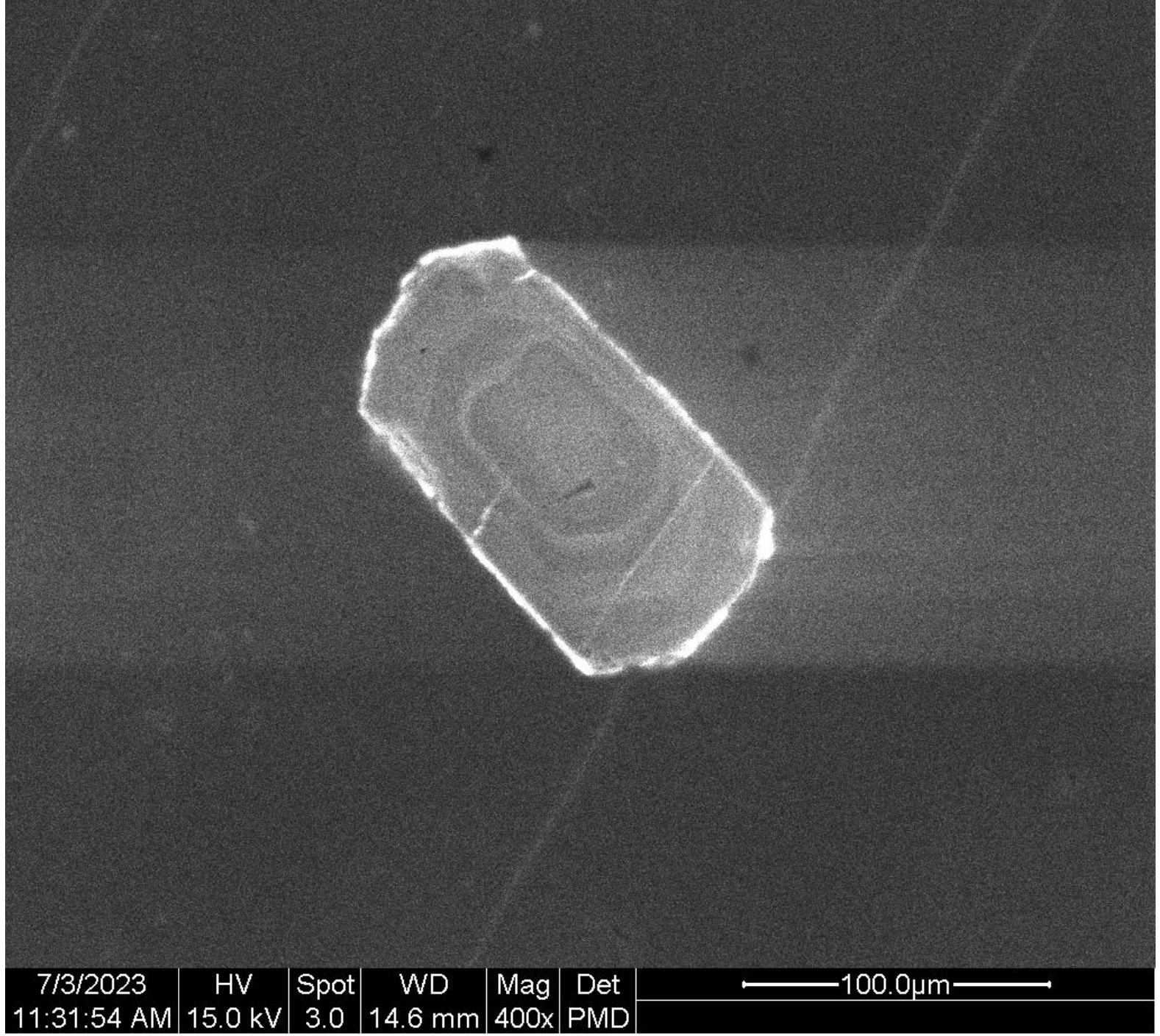
23.1



JD01-mount 2

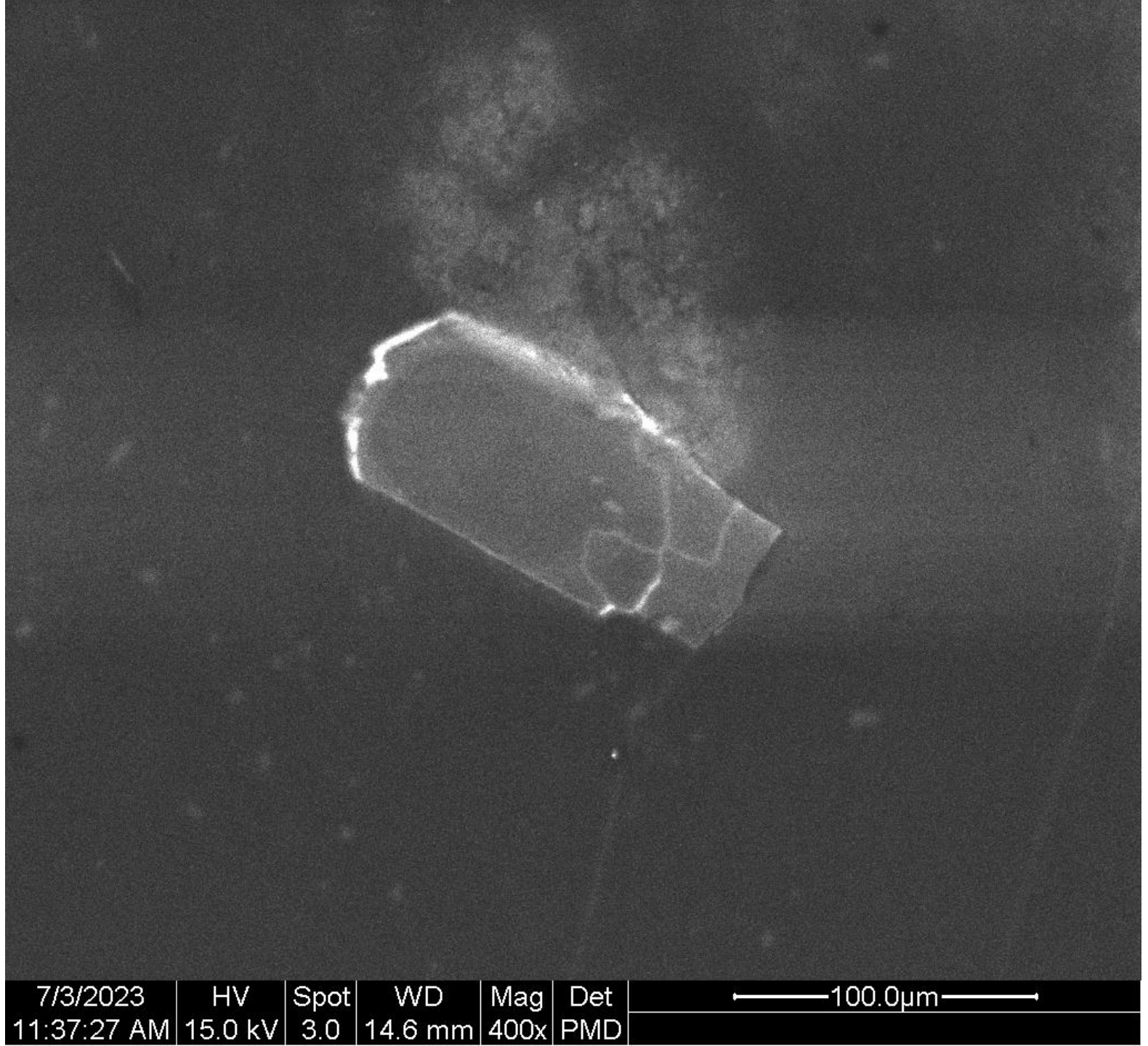
CG22JD01m1-CL_001.tif

NA



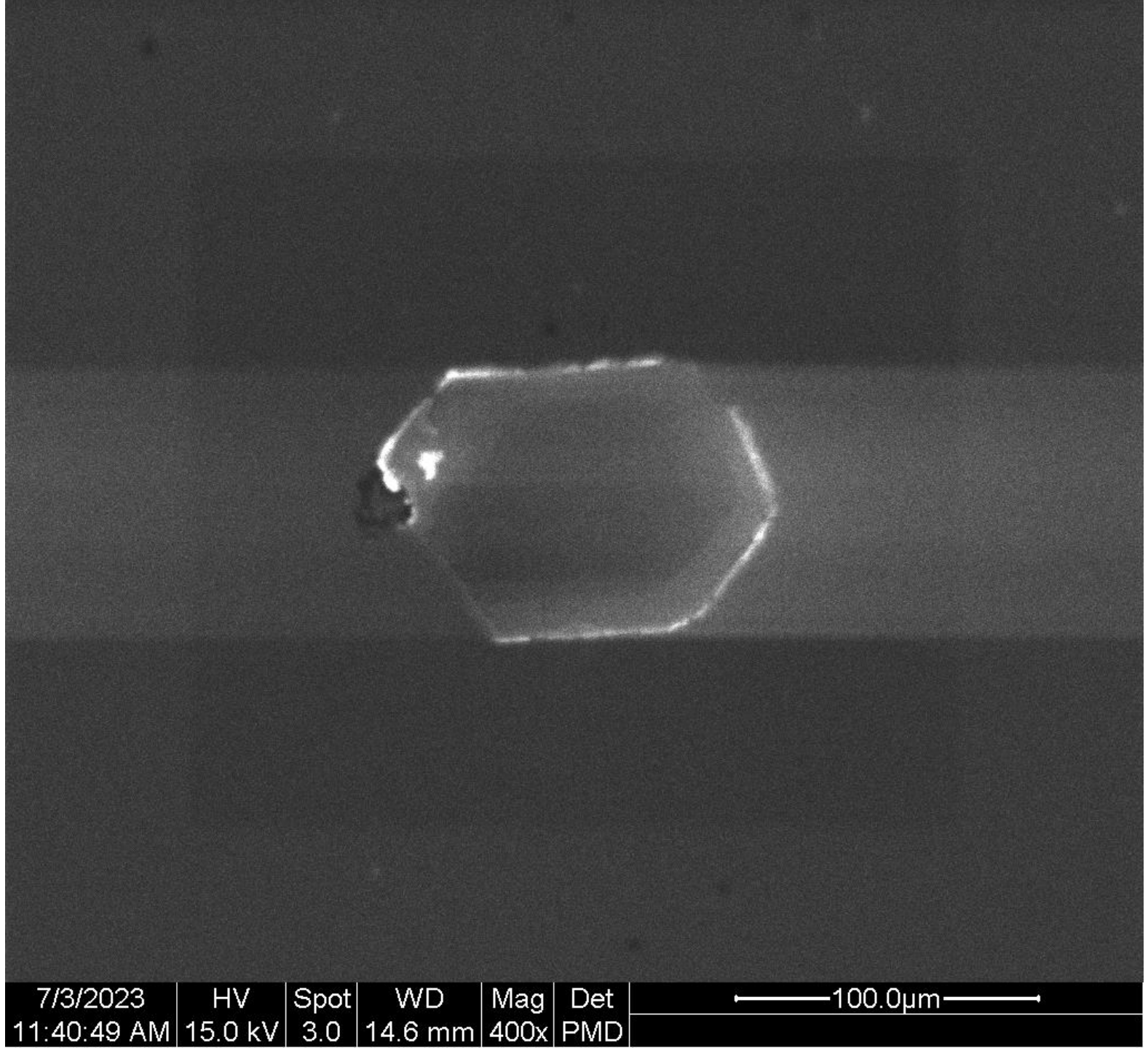
CG22JD01m1-CL_002.tif

NA



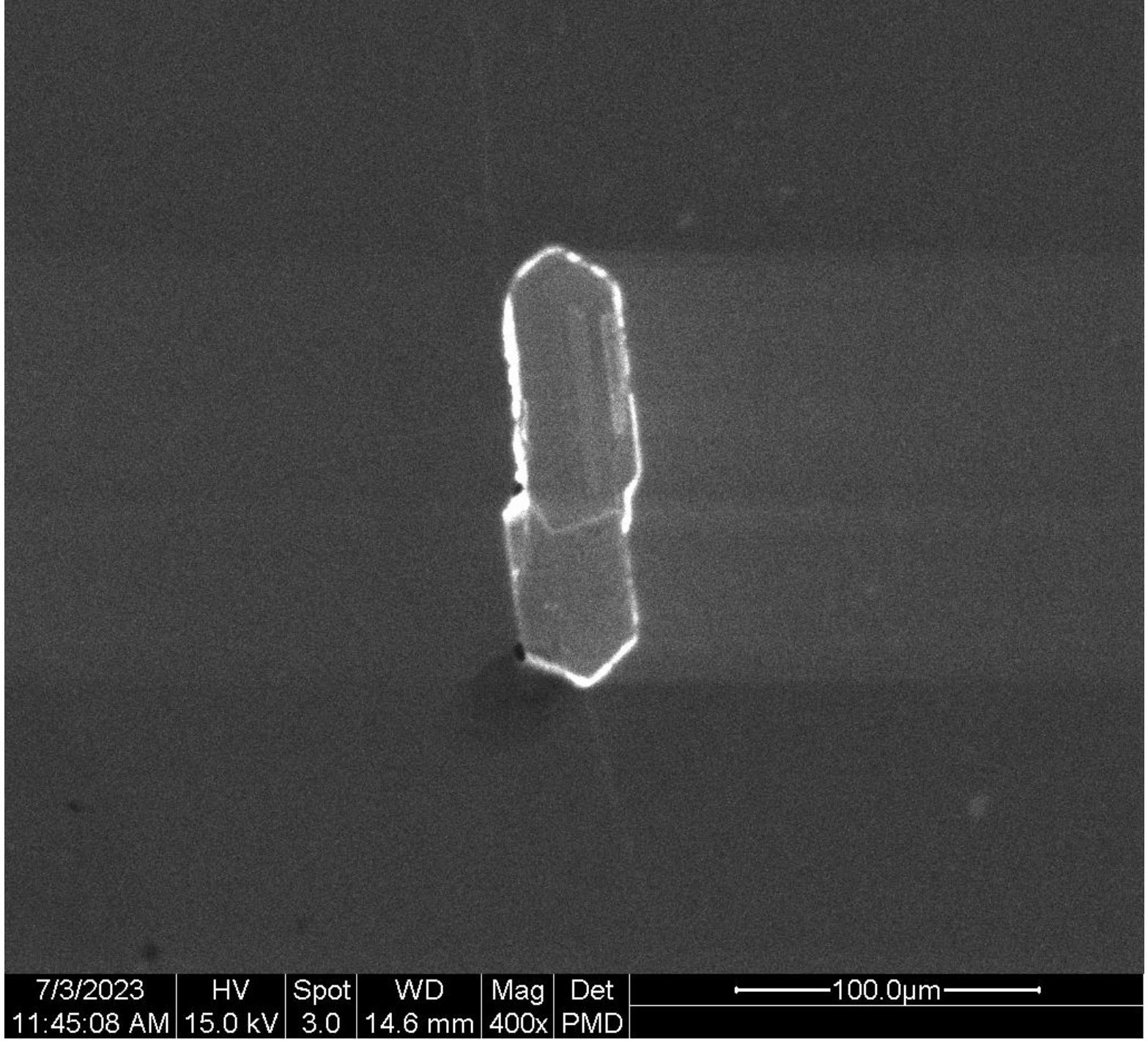
CG22JD01m1-CL_003.tif

NA



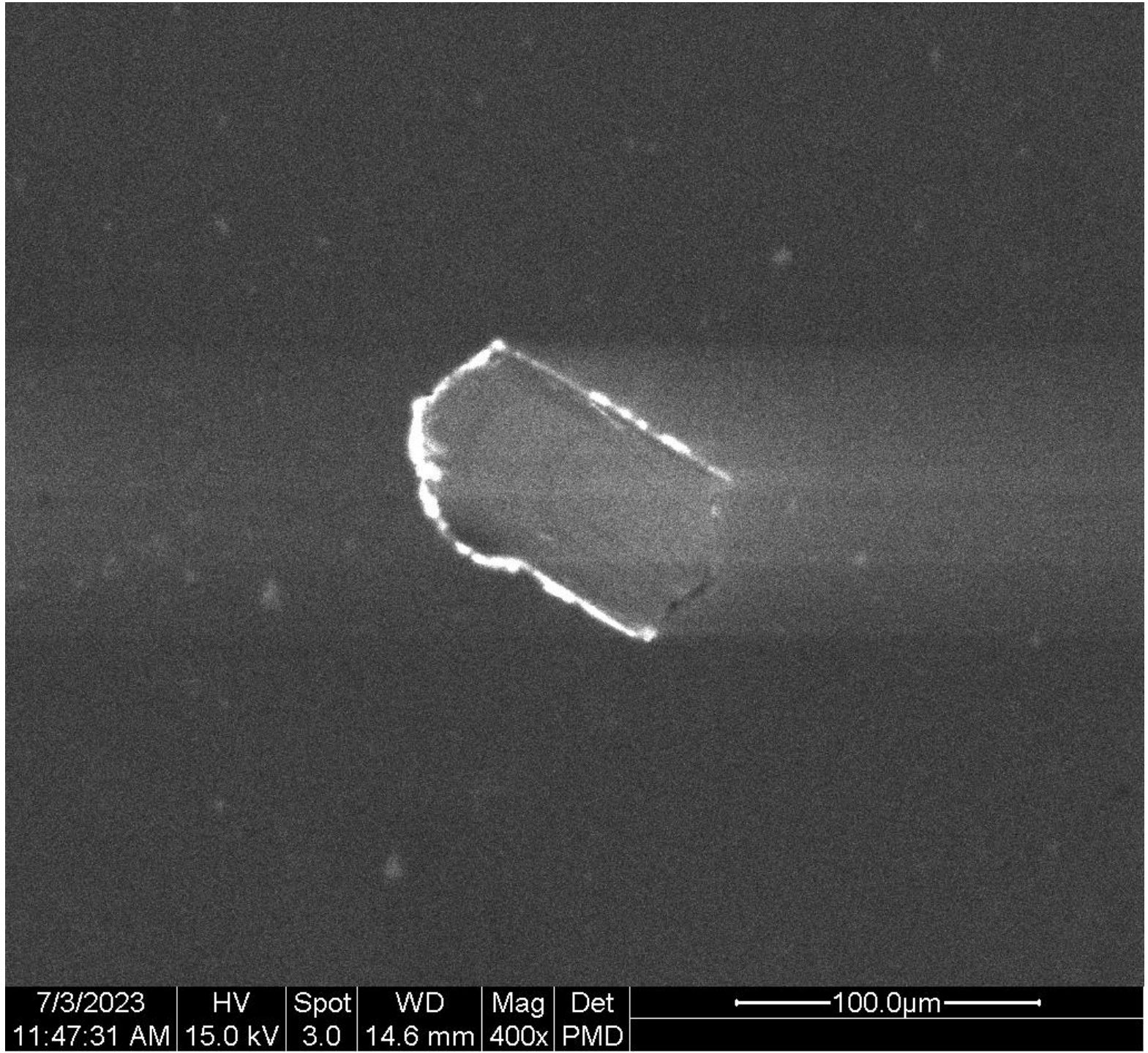
CG22JD01m1-CL_004.tif

NA



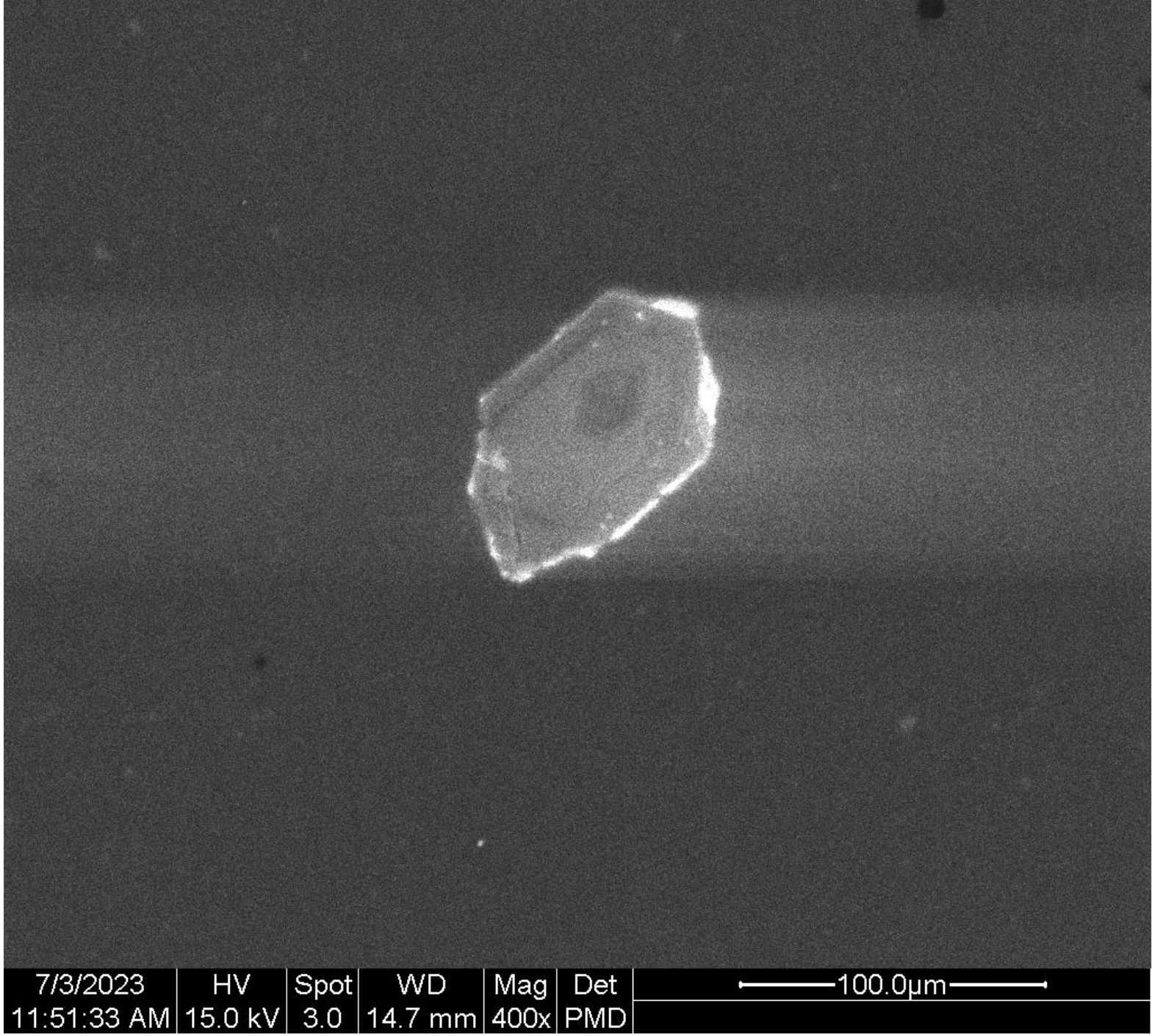
CG22JD01m1-CL_005.tif

NA



CG22JD01m1-CL_006.tif

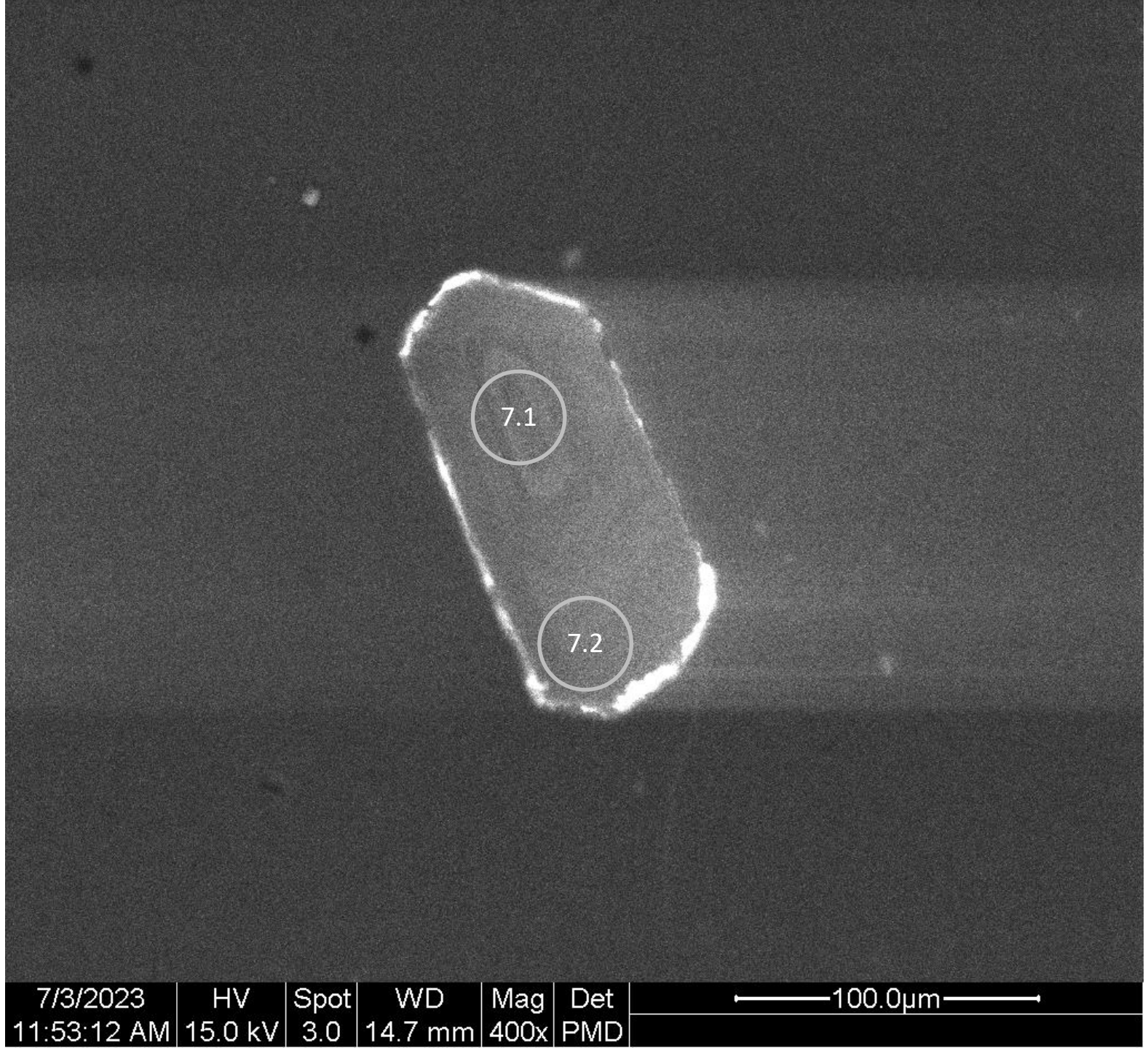
NA



CG22JD01m1-CL_007.tif

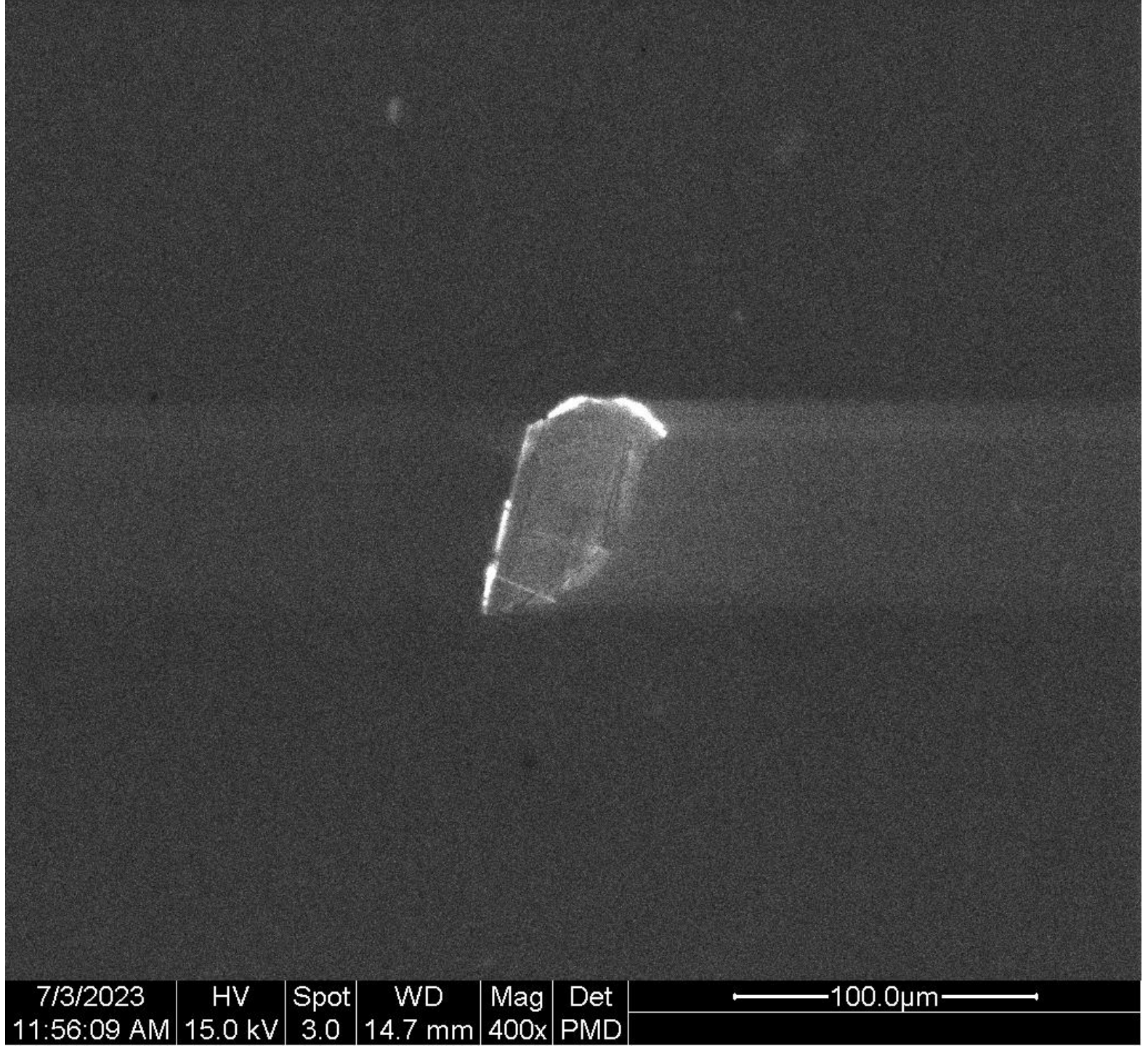
2 x U-Pb

7.1, 7.2



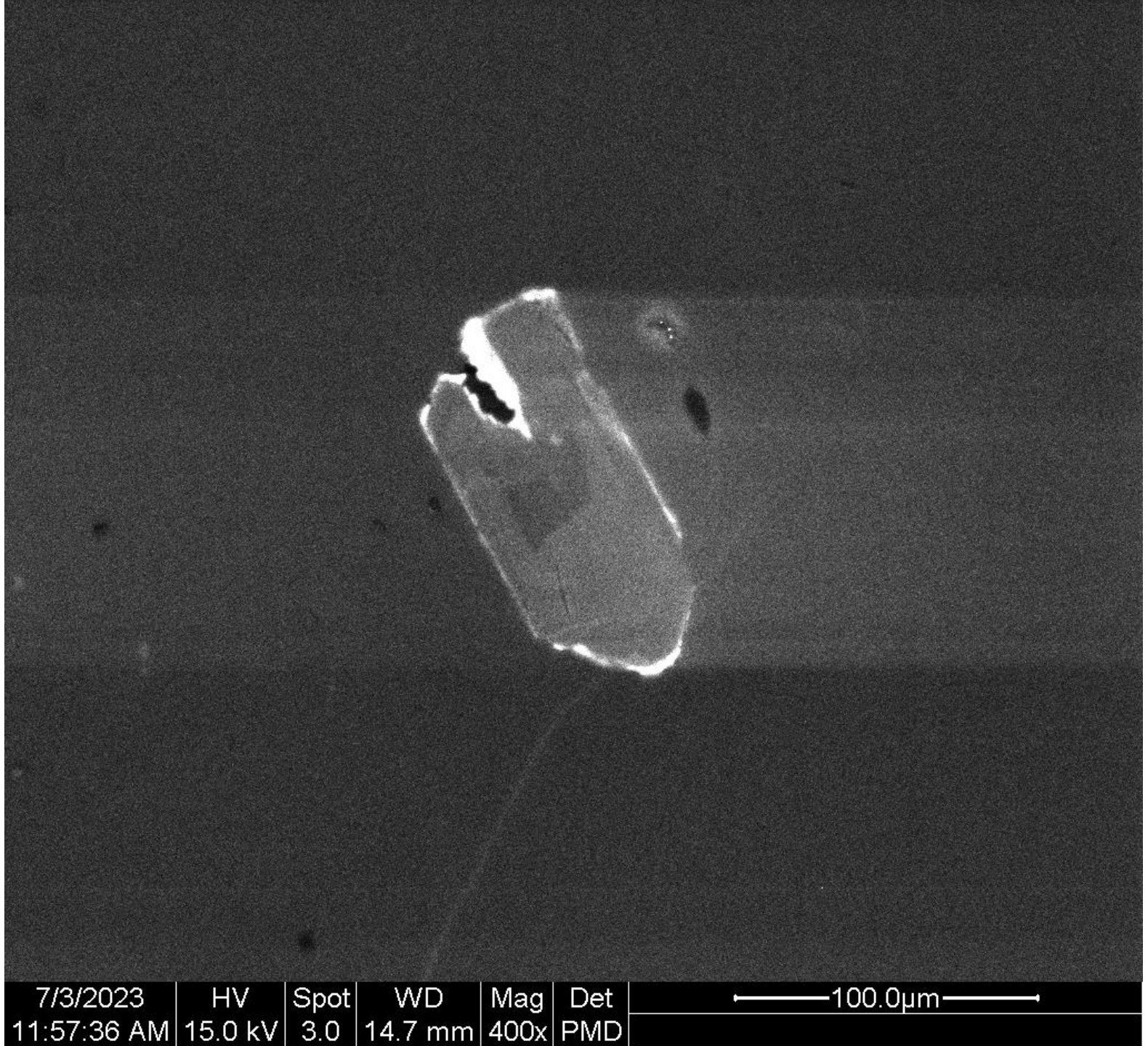
CG22JD01m1-CL_008.tif

NA



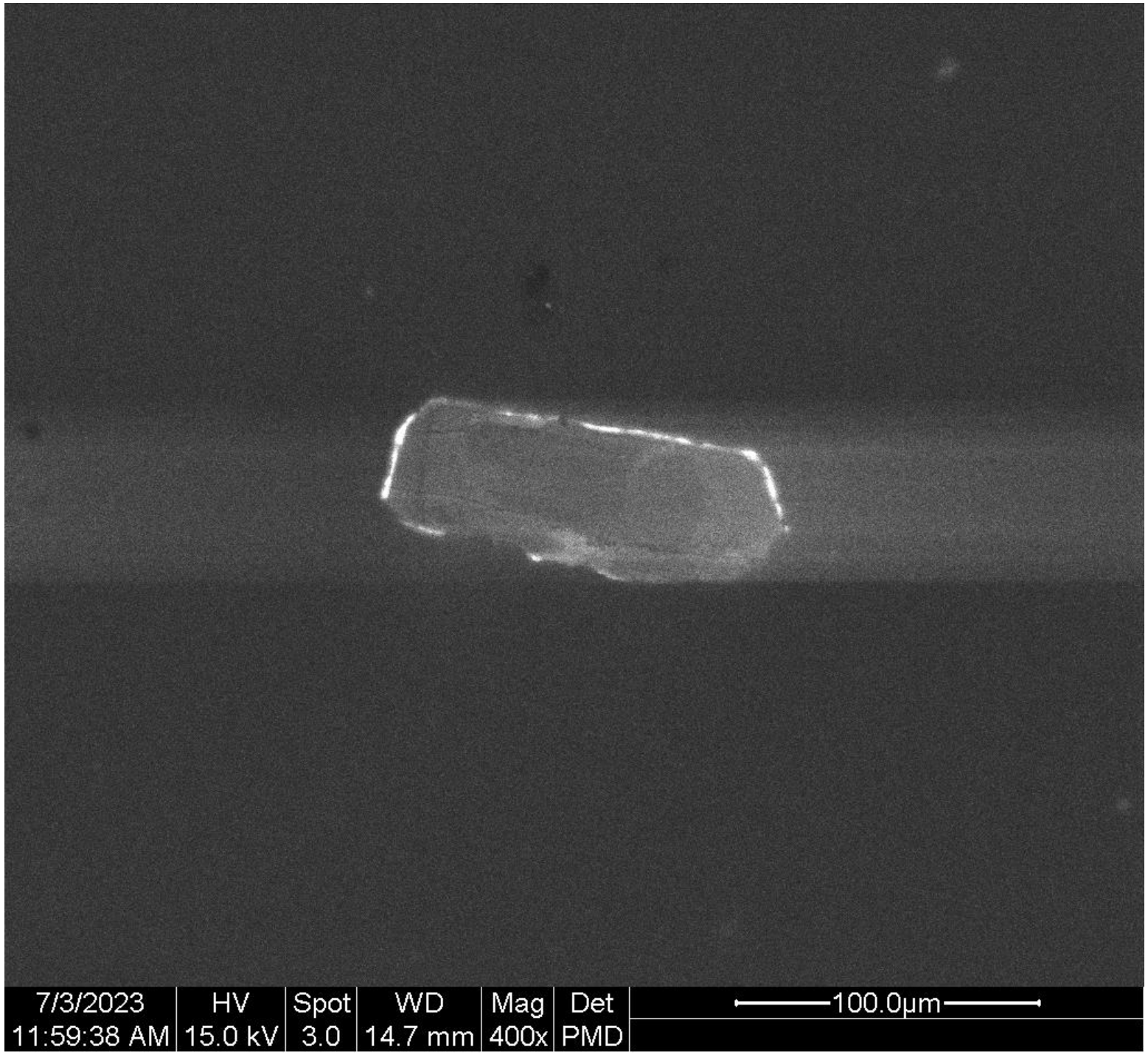
CG22JD01m1-CL_009.tif

NA



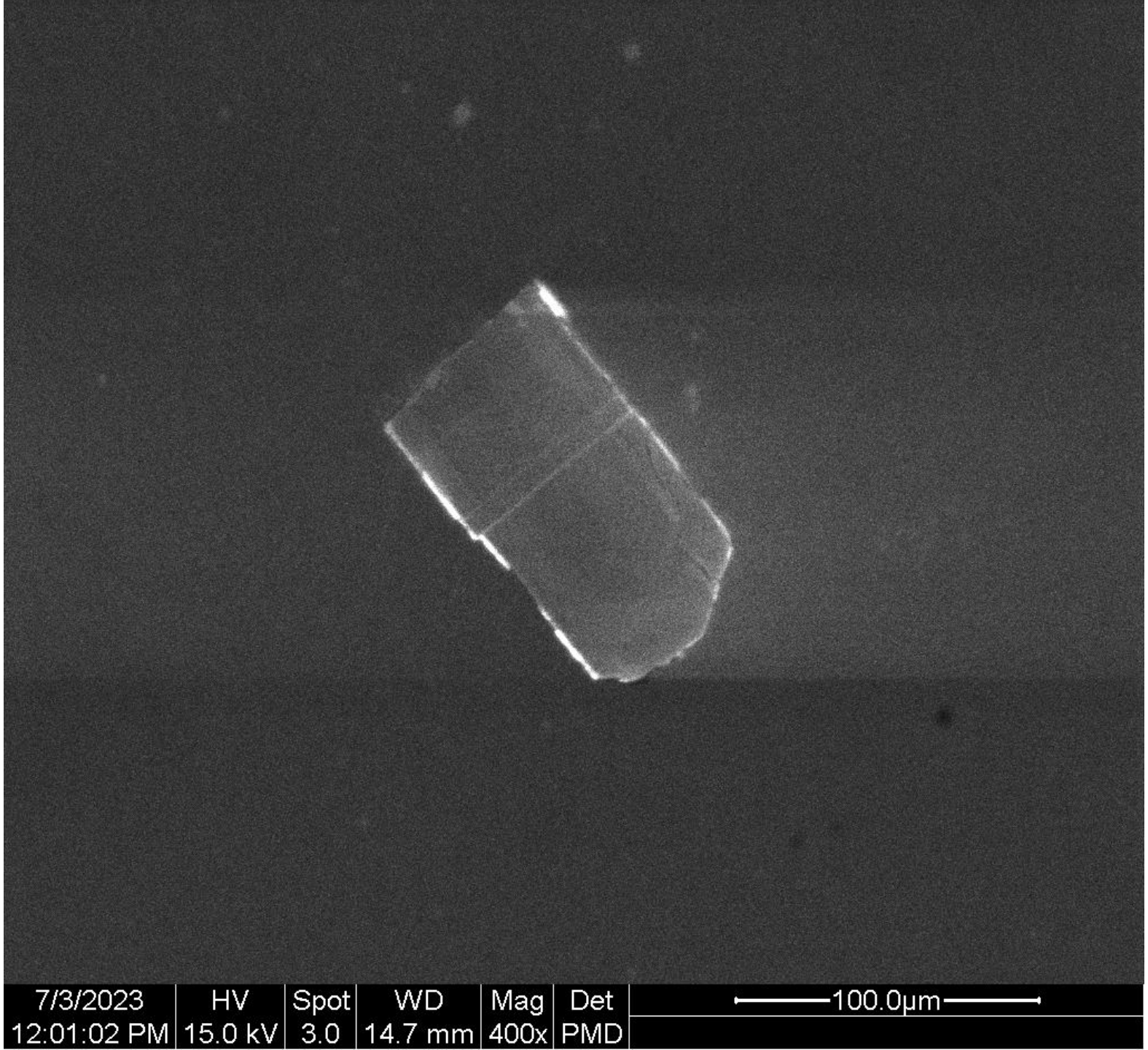
CG22JD01m1-CL_010.tif

NA



CG22JD01m1-CL_011.tif

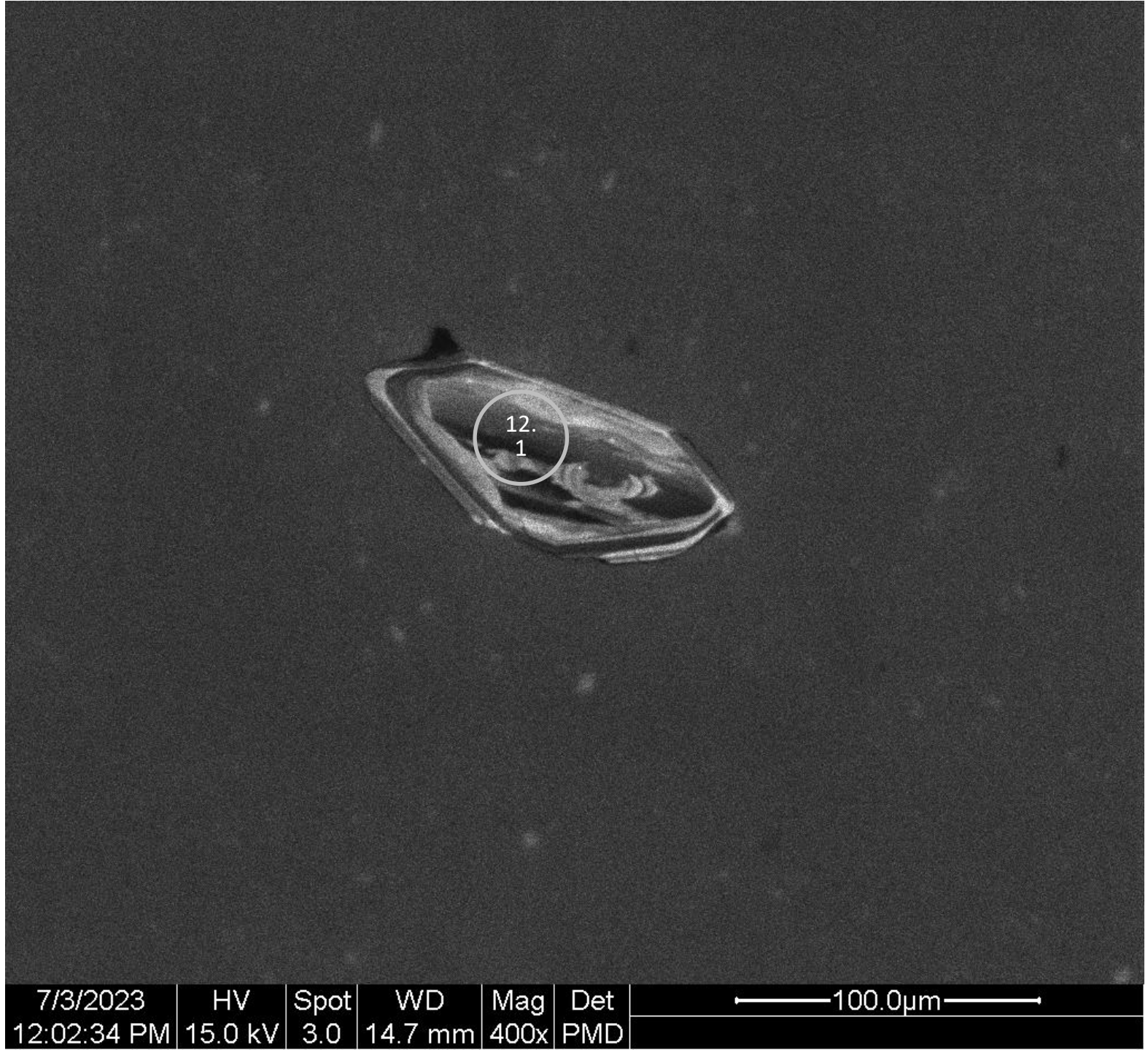
NA



CG22JD01m1-CL_012.tif

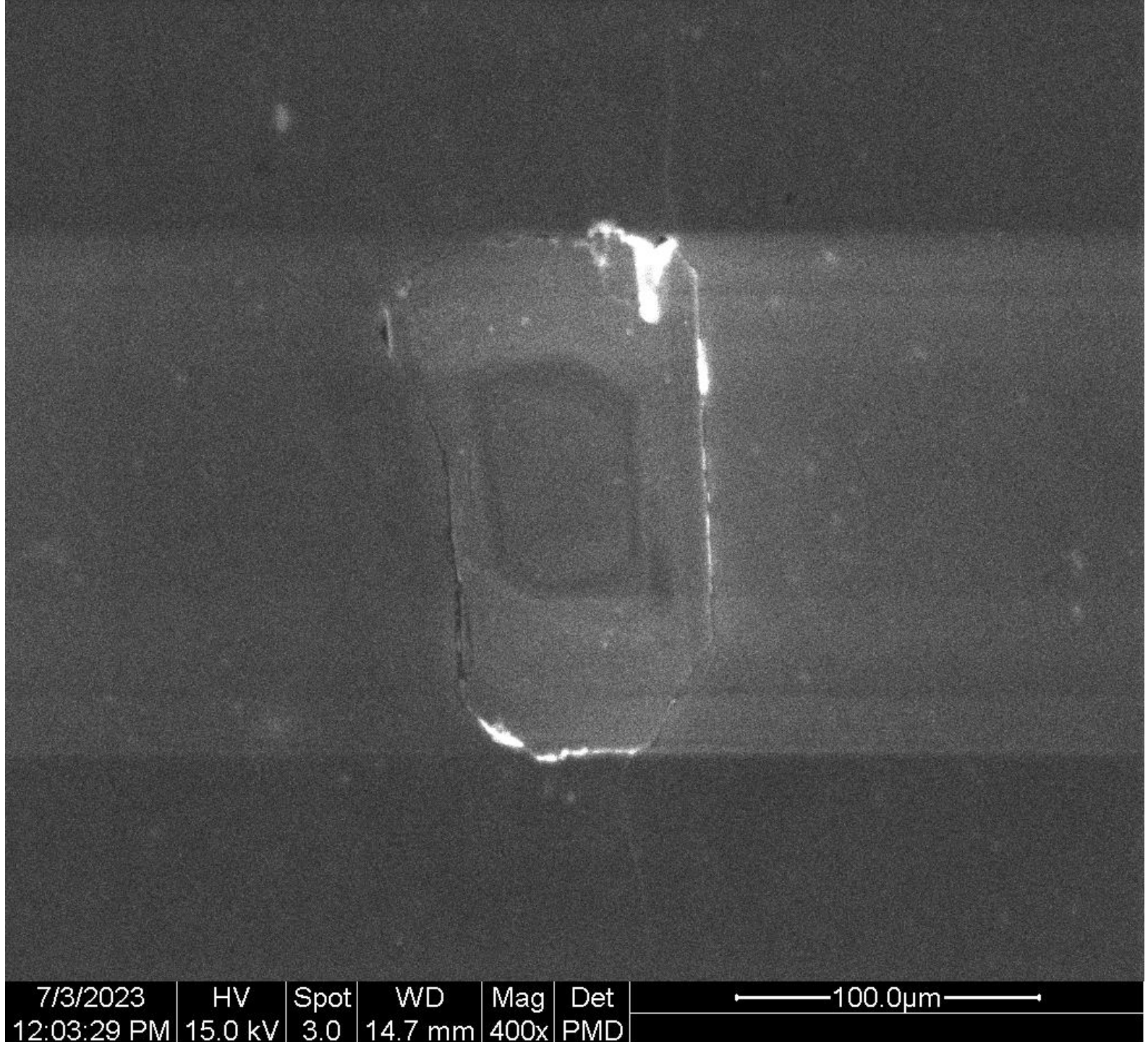
1 x U-Pb

12.1



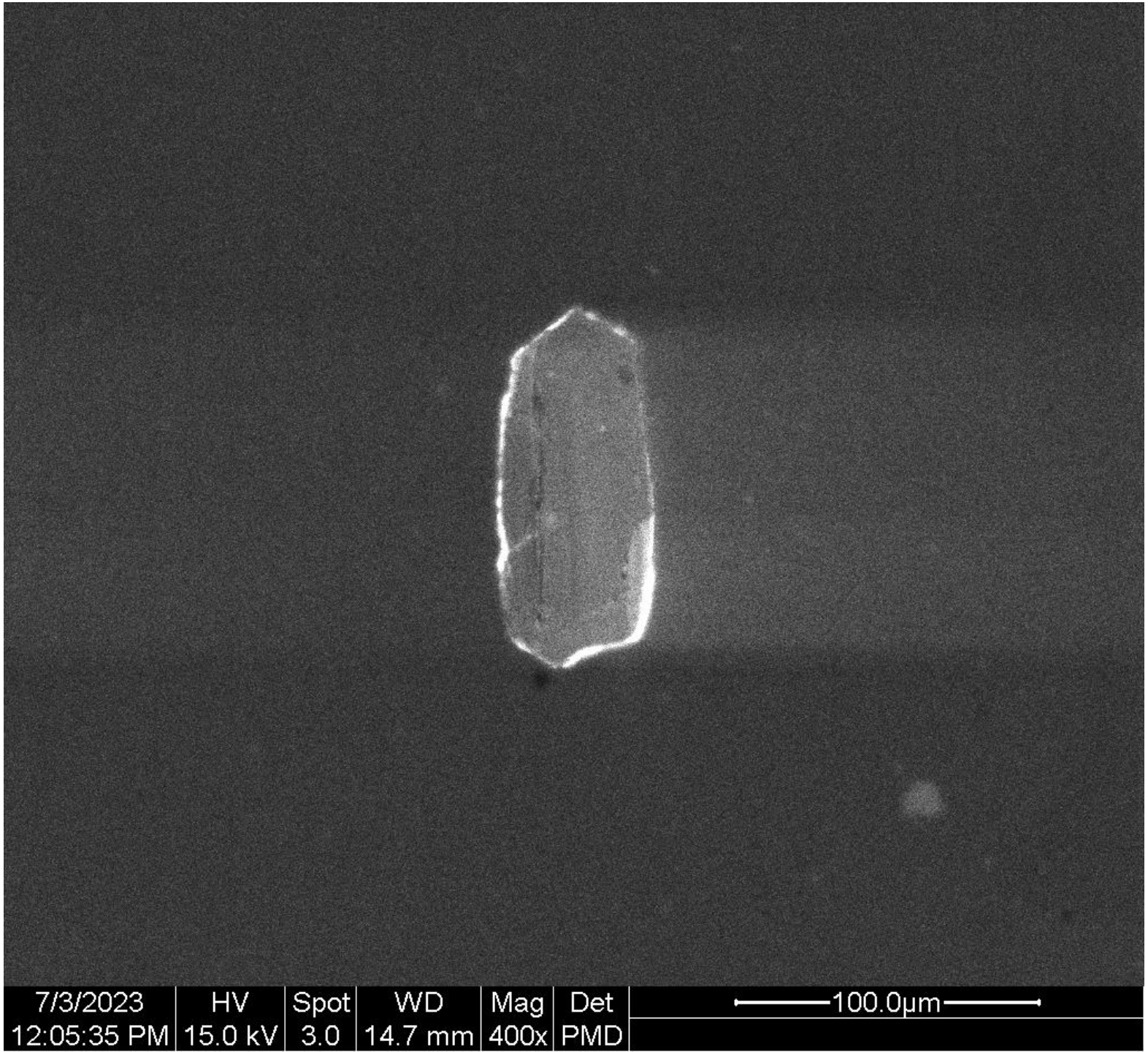
CG22JD01m1-CL_013.tif

NA



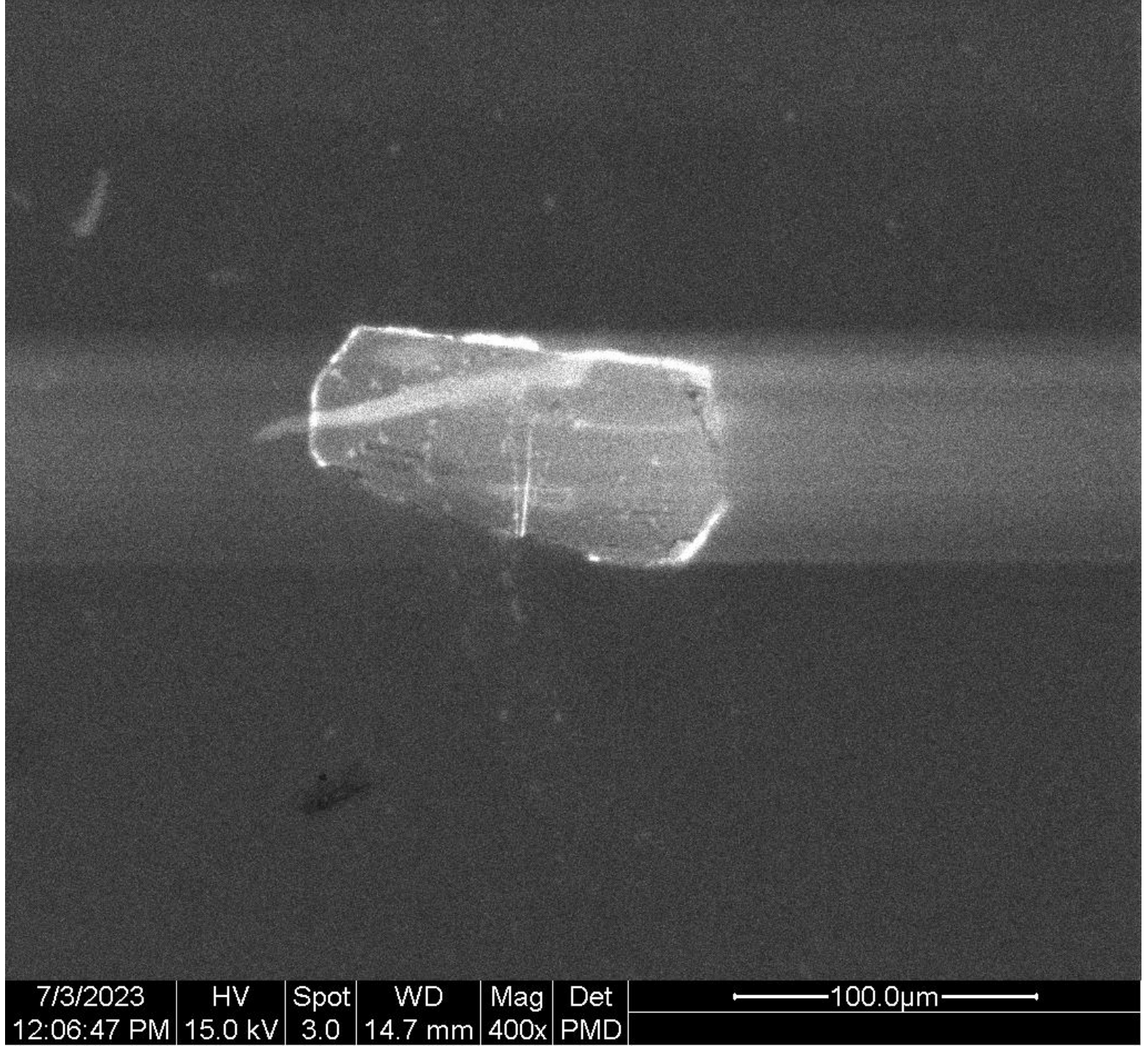
CG22JD01m1-CL_014.tif

NA



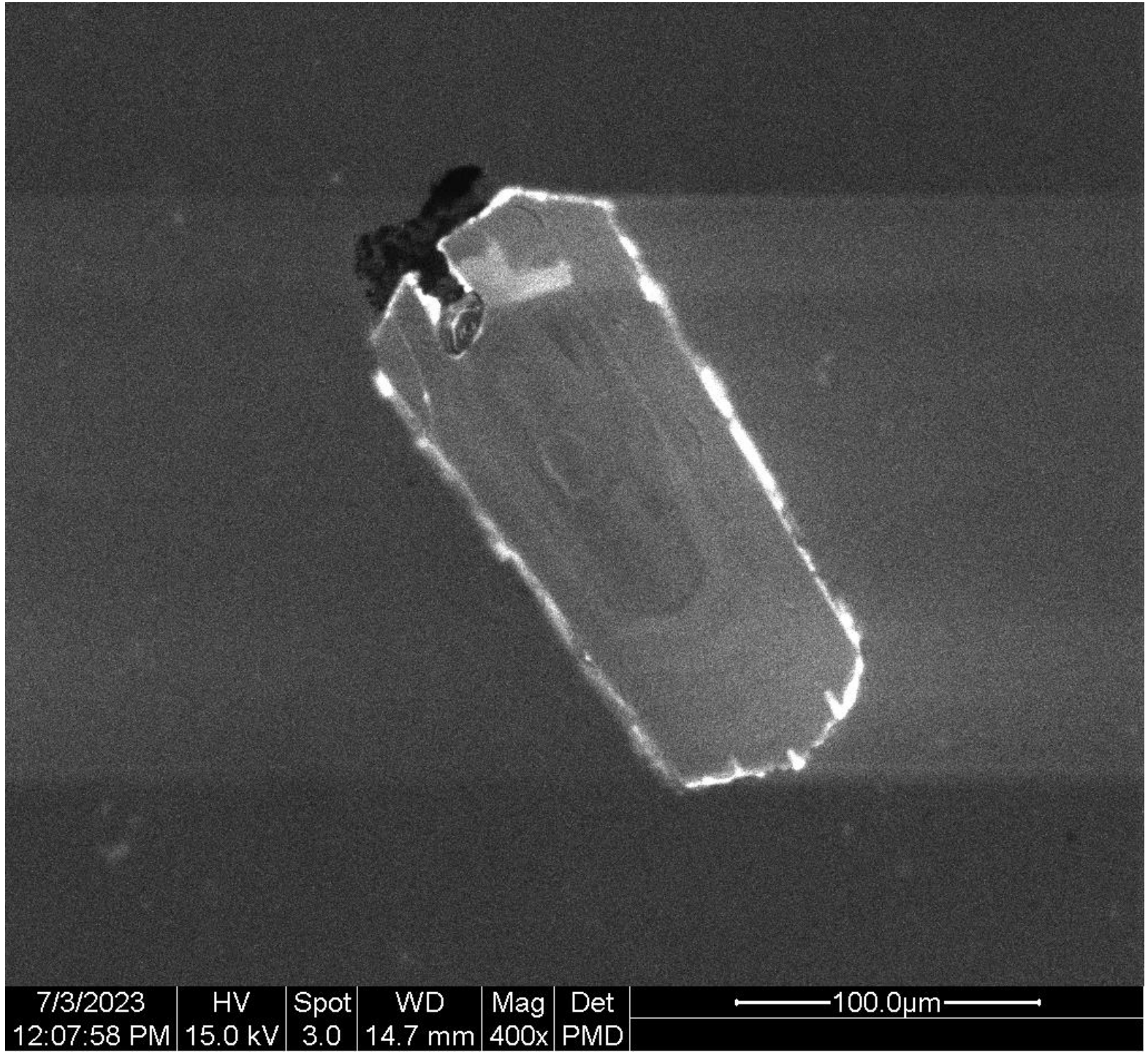
CG22JD01m1-CL_015.tif

NA



CG22JD01m1-CL_016.tif

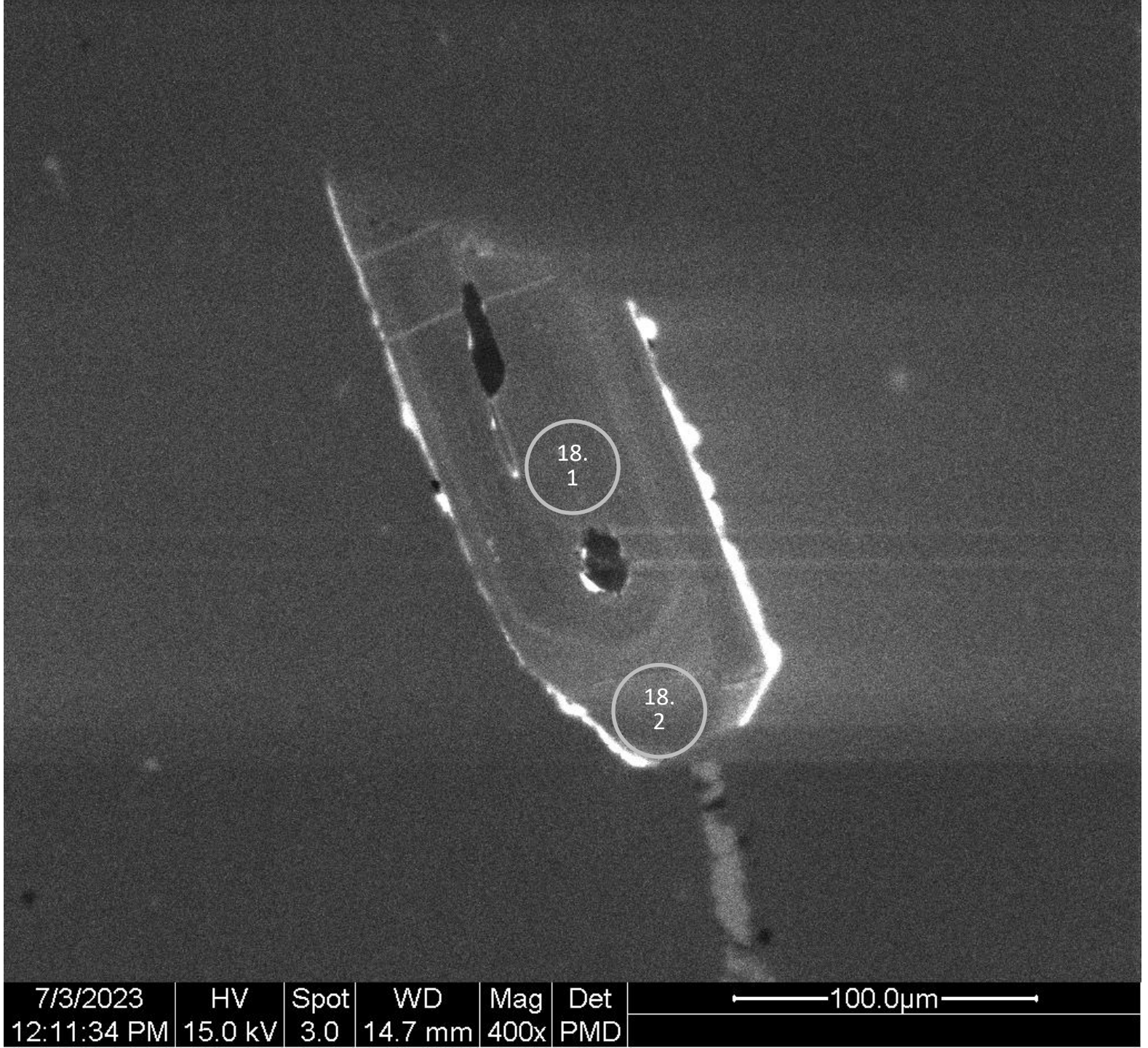
NA



CG22JD01m1-CL_018.tif

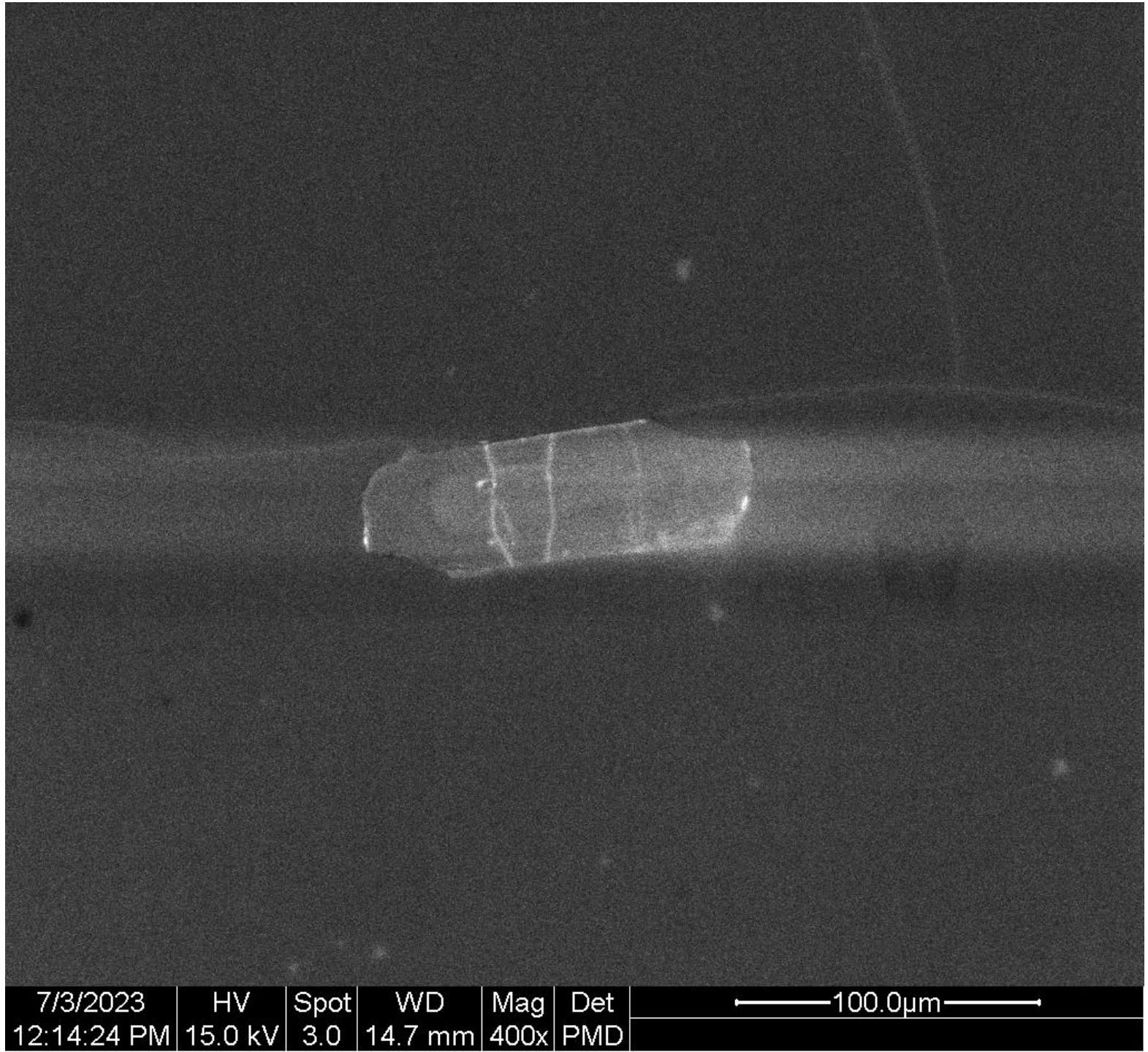
2 x U-Pb

18.1, 18.2



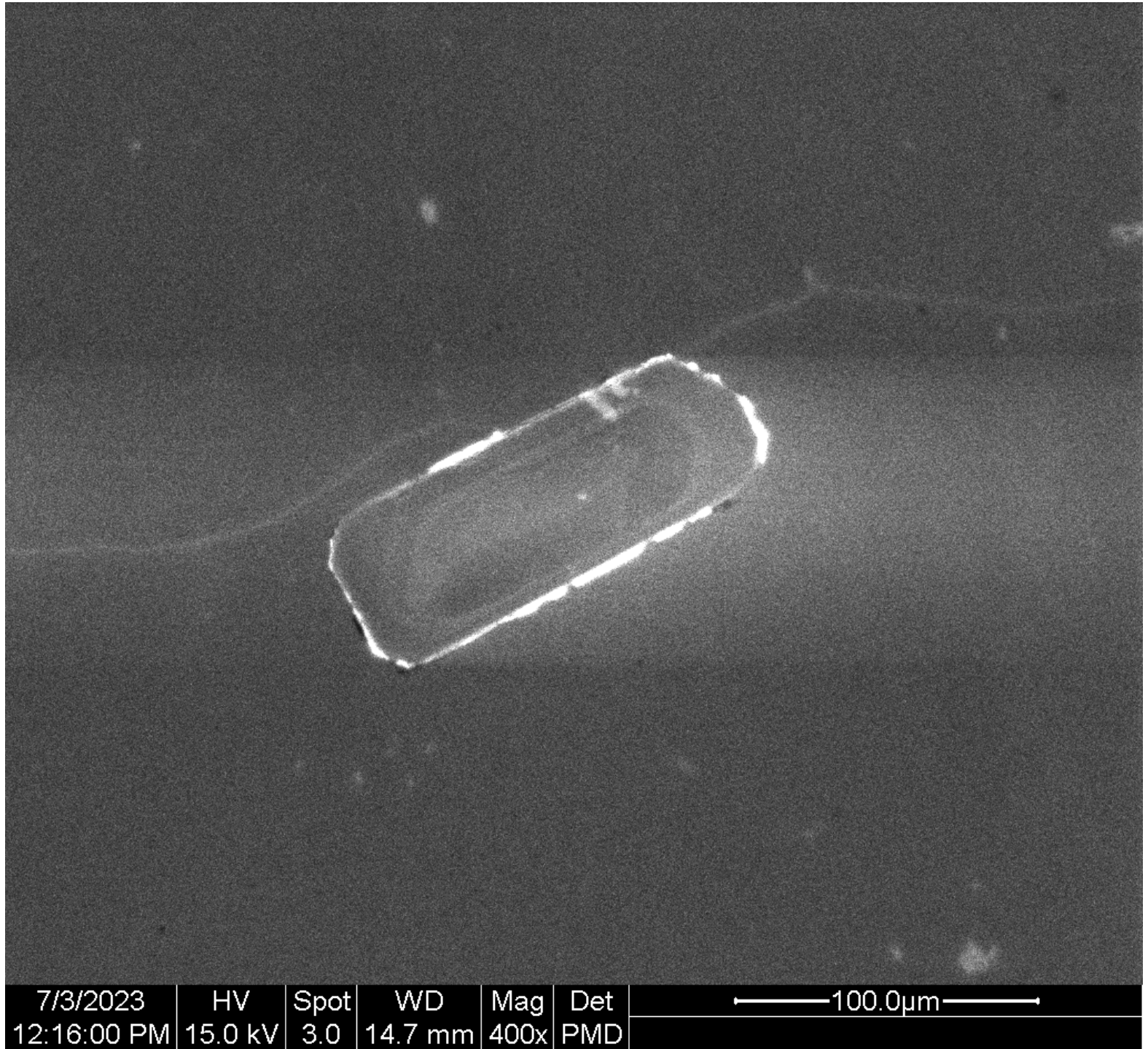
CG22JD01m1-CL_019.tif

NA



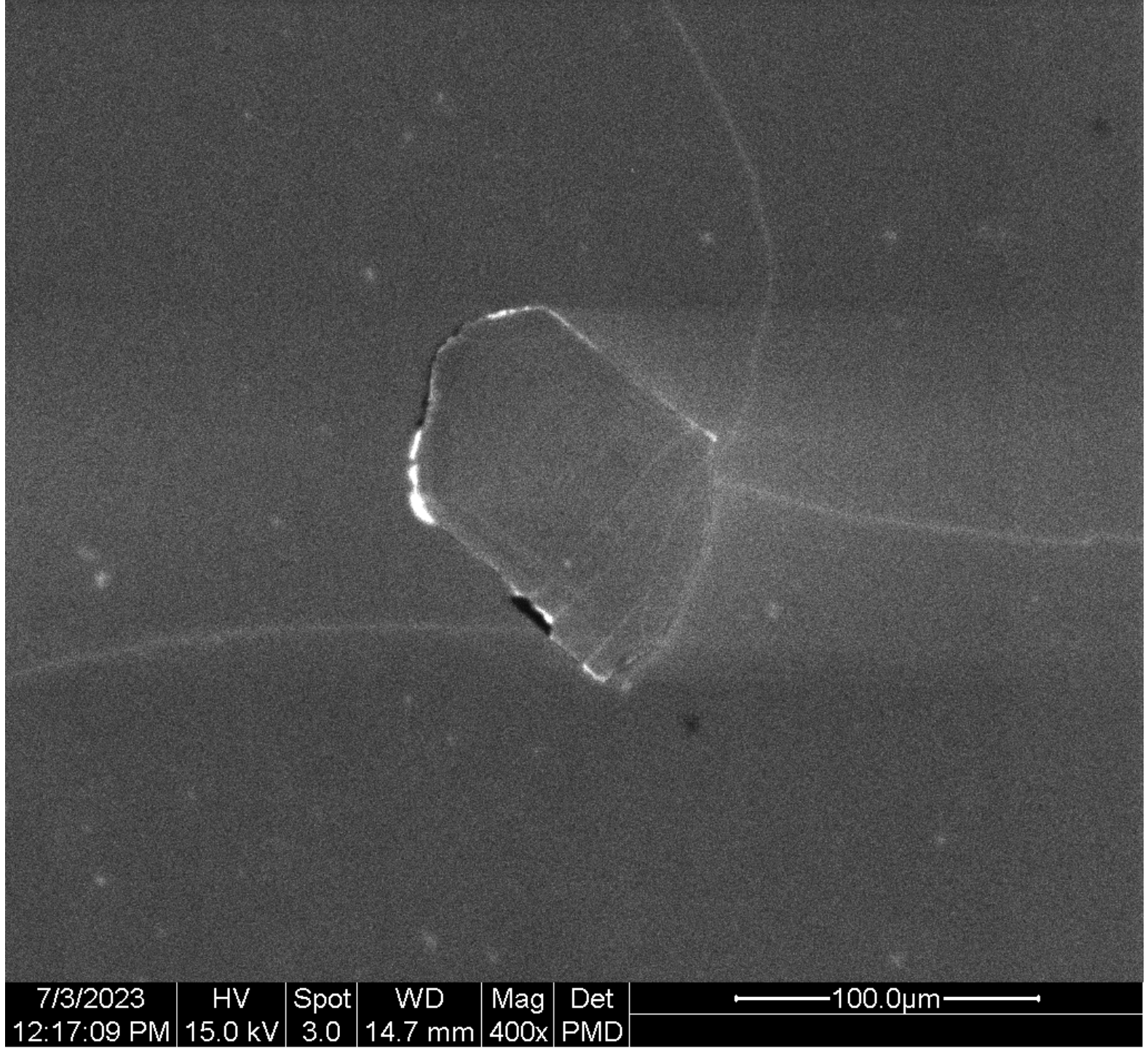
CG22JD01m1-CL_020.tif

NA



CG22JD01m1-CL_021.tif

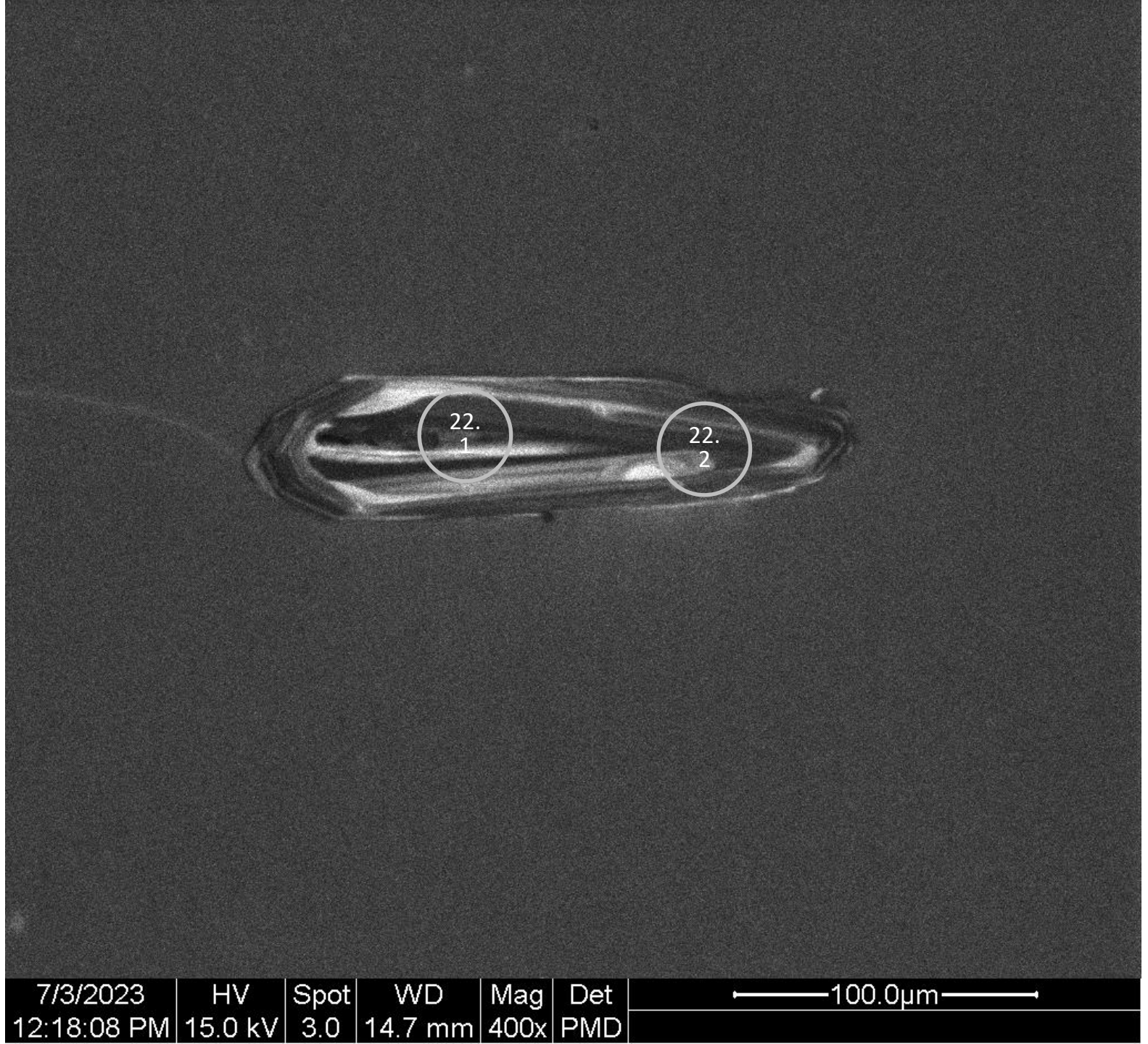
NA



CG22JD01m1-CL_022.tif

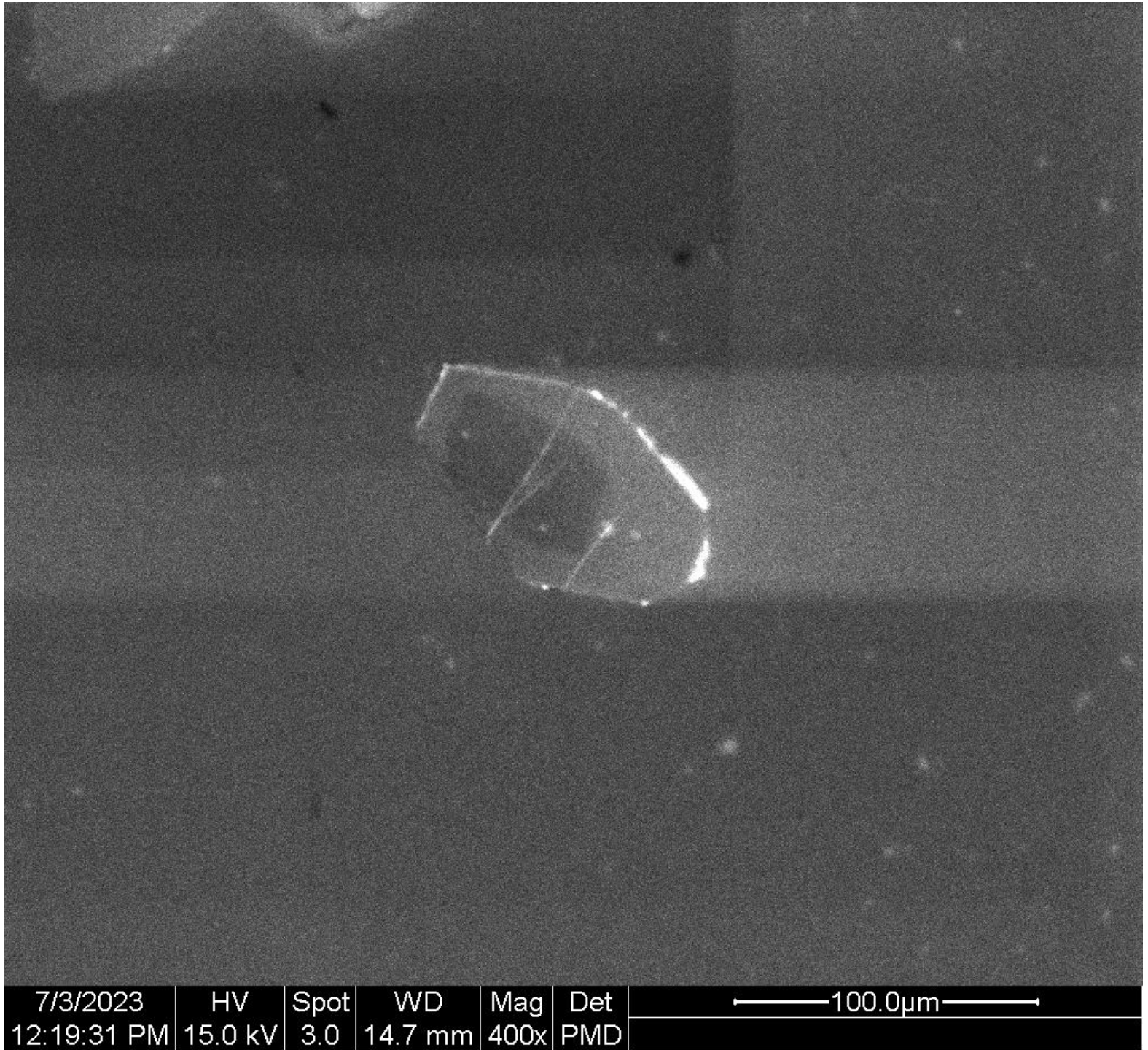
2 x U-Pb

22.1, 22.2



CG22JD01m1-CL_023.tif

NA



CG22JD01m1-CL_024.tif

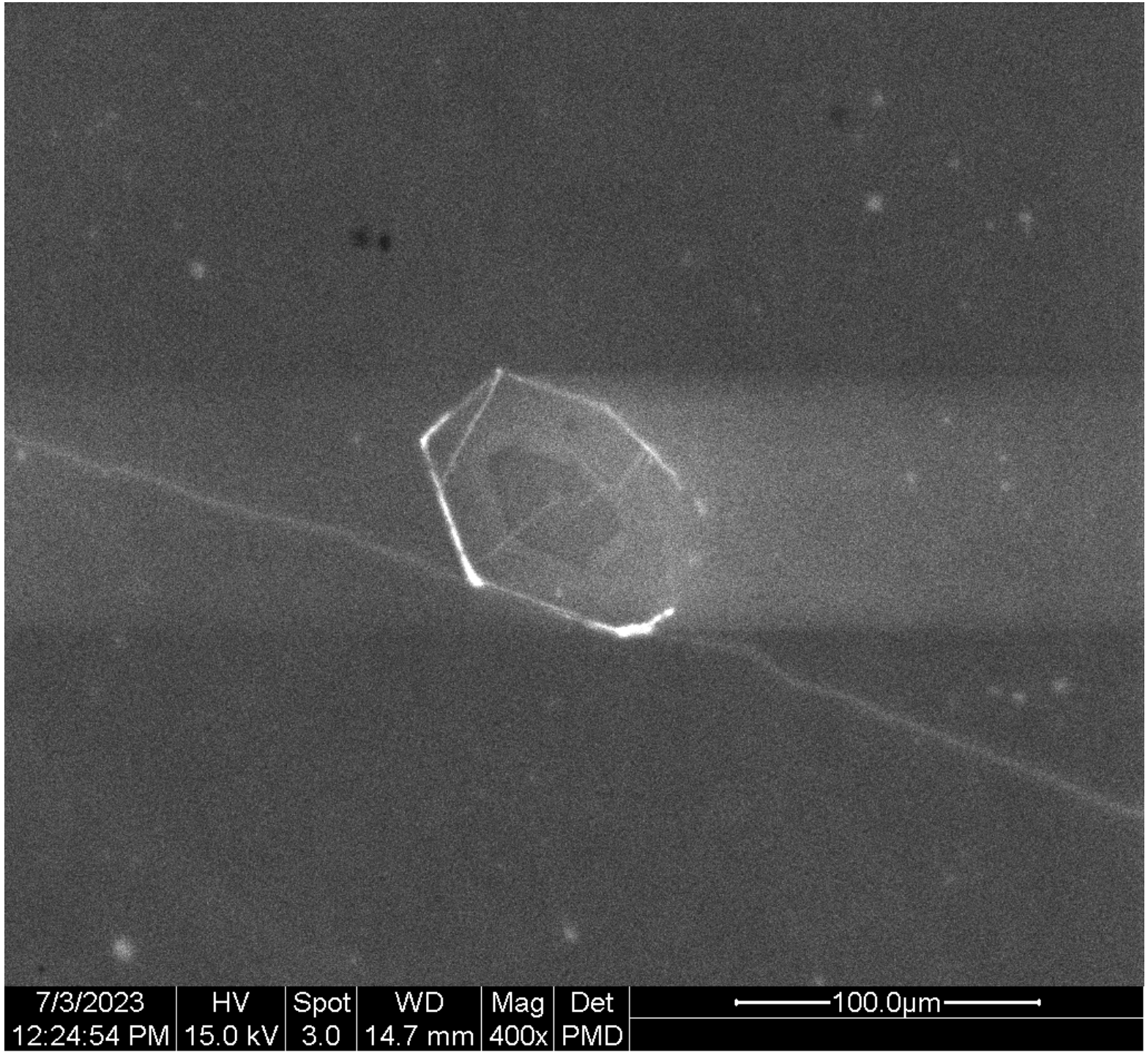
1 x U-Pb

24.1



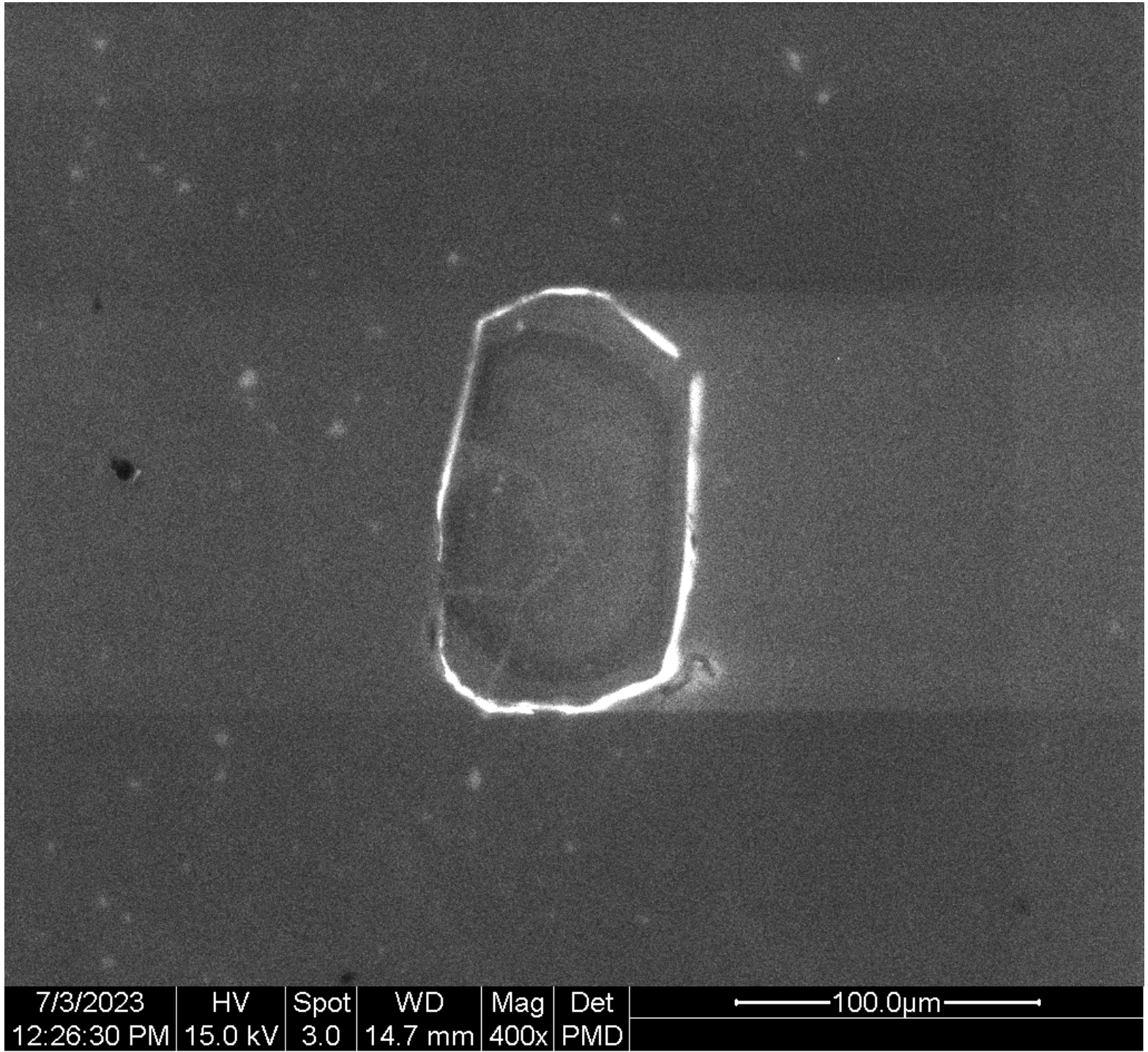
CG22JD01m1-CL_025.tif

NA



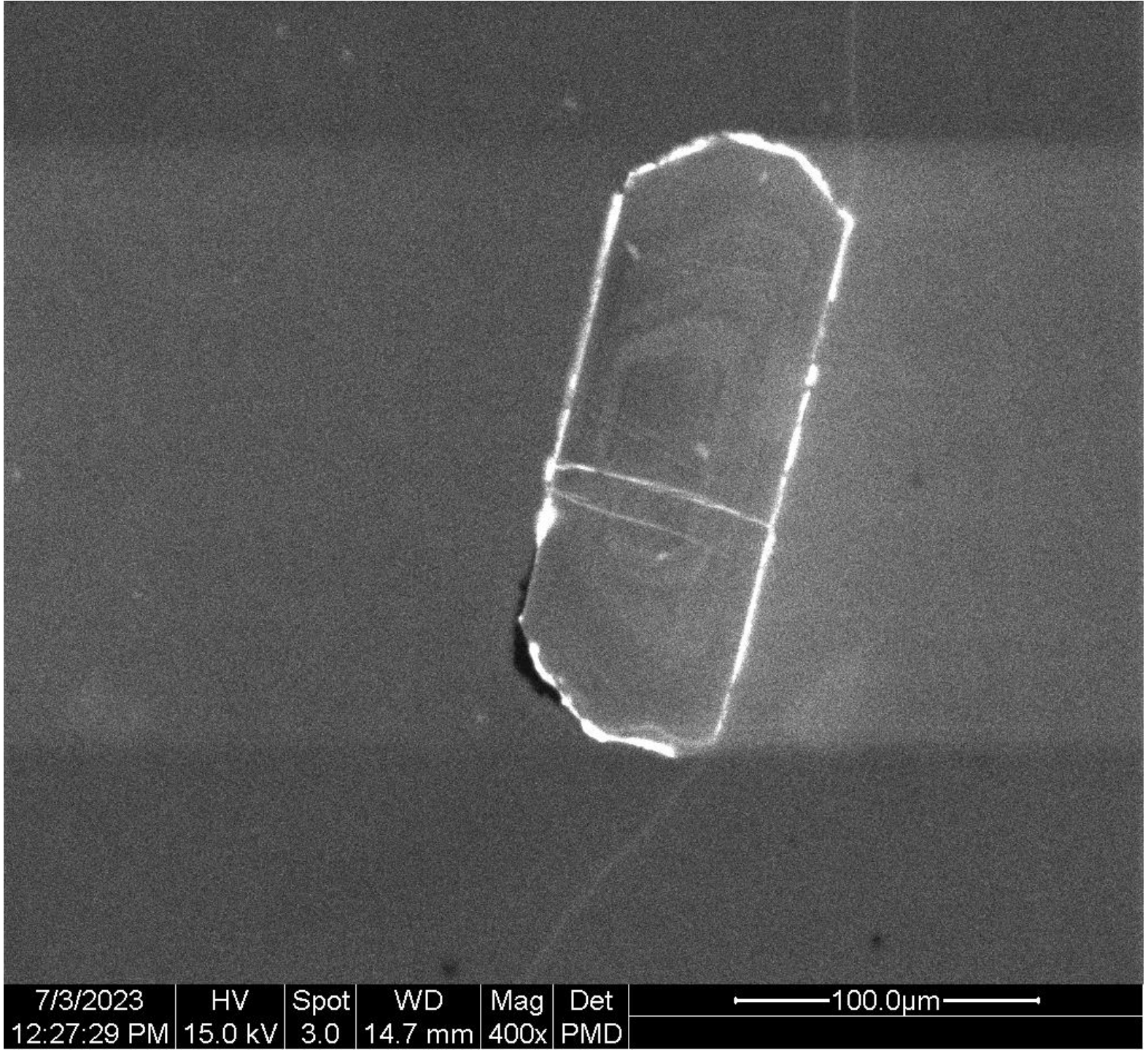
CG22JD01m1-CL_026.tif

NA



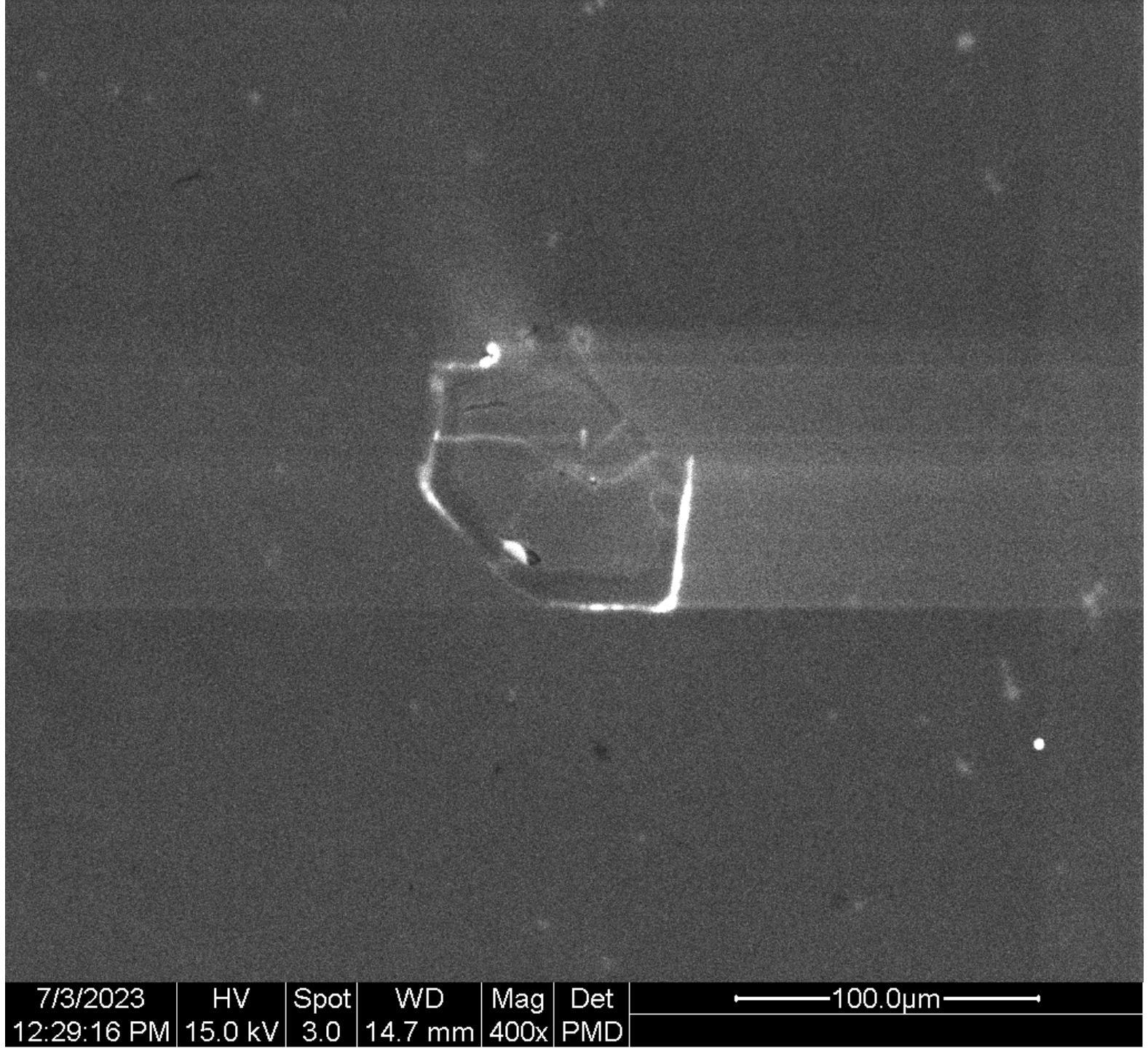
CG22JD01m1-CL_027.tif

NA



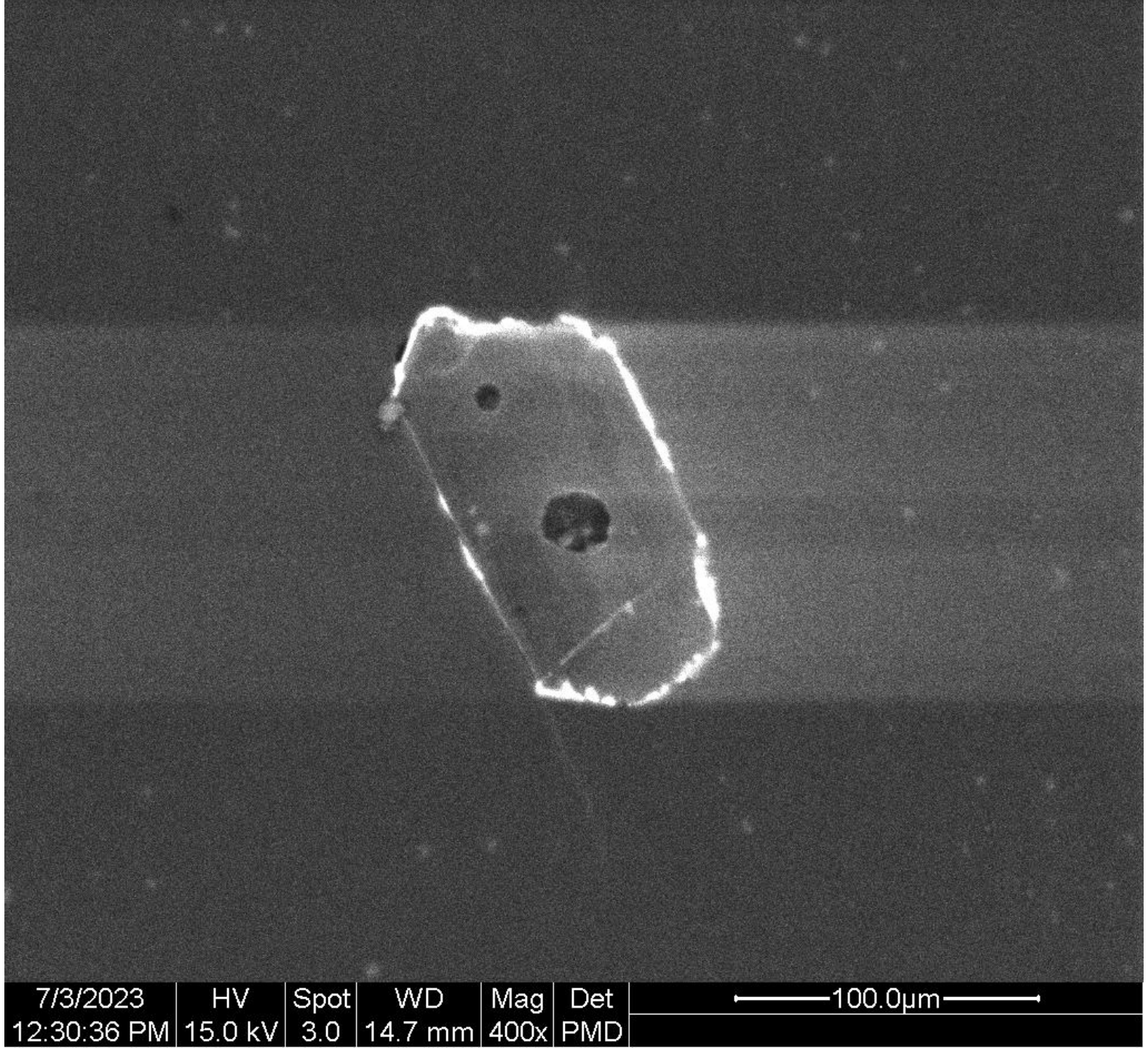
CG22JD01m1-CL_028.tif

NA



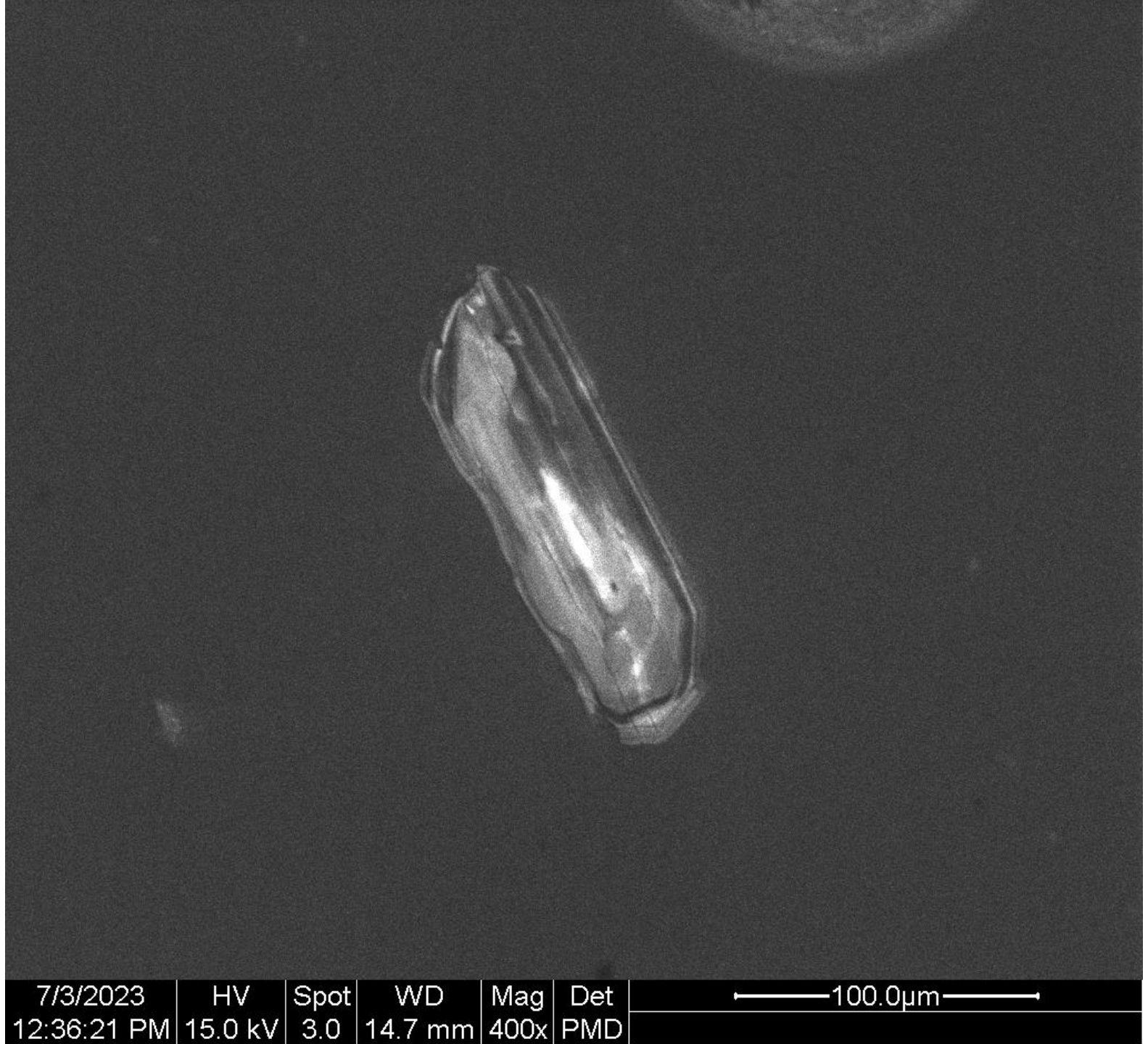
CG22JD01m1-CL_029.tif

NA



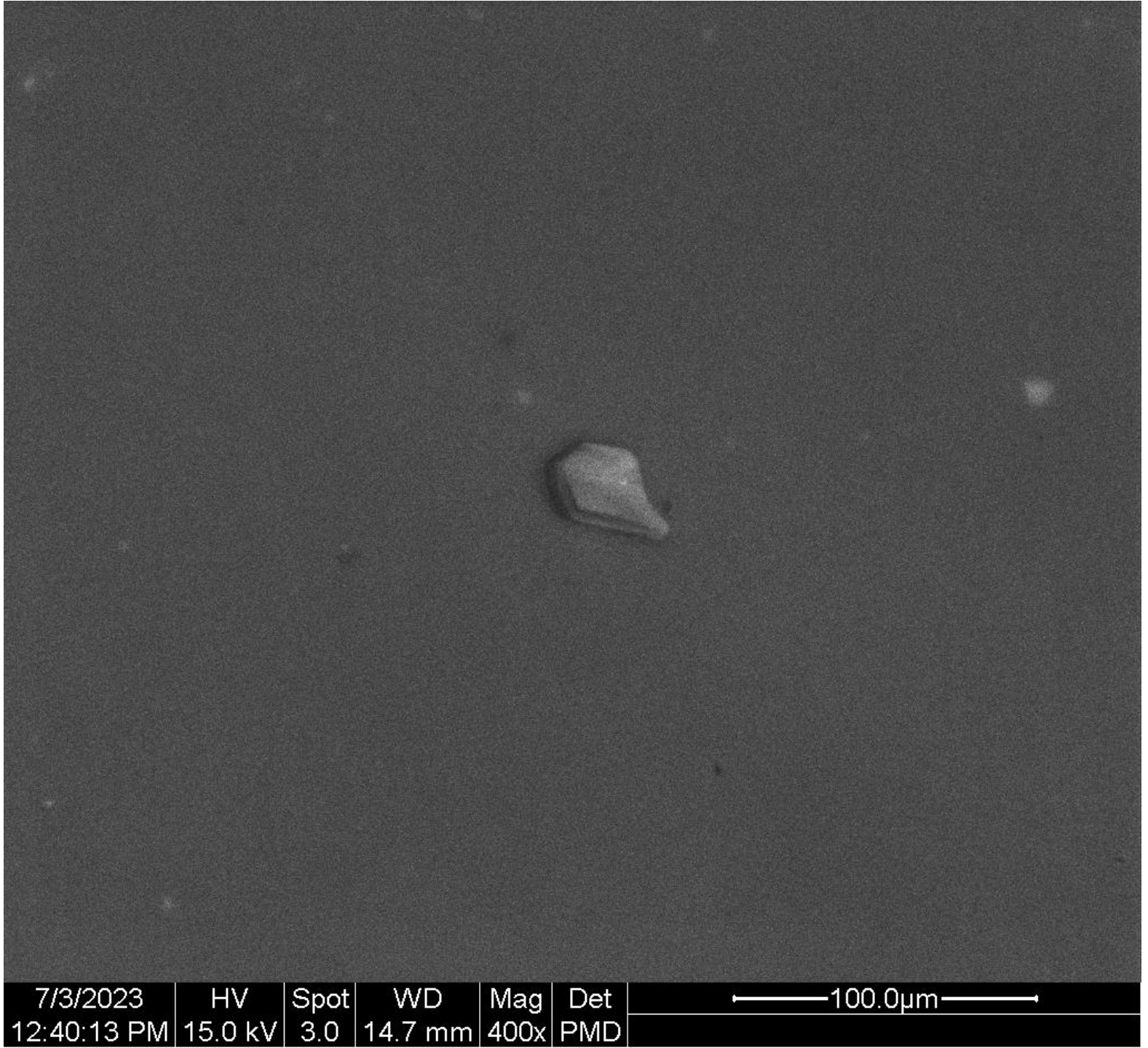
CG22JD01m1-CL_030.tif

NA



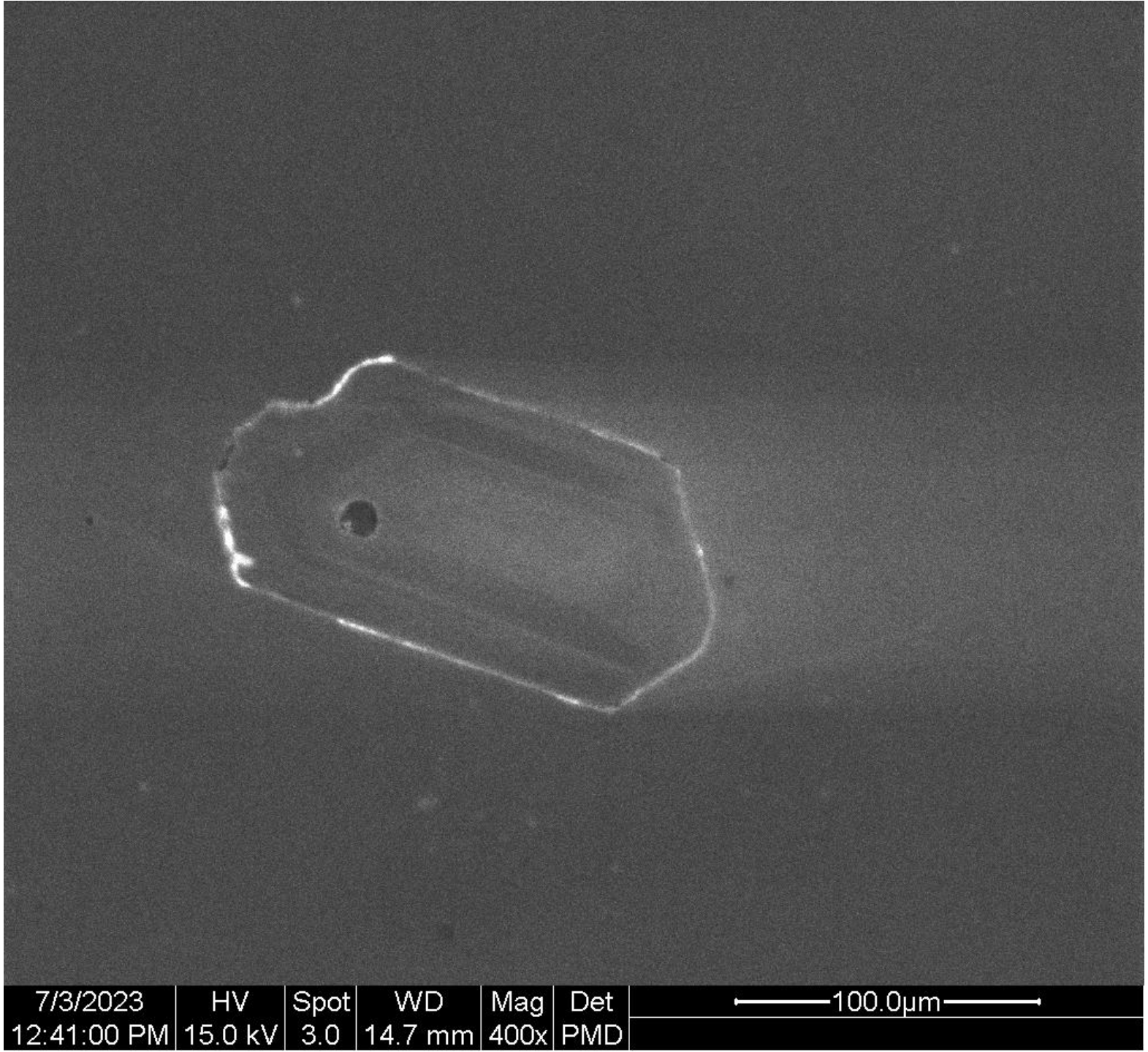
CG22JD01m1-CL_031.tif

NA



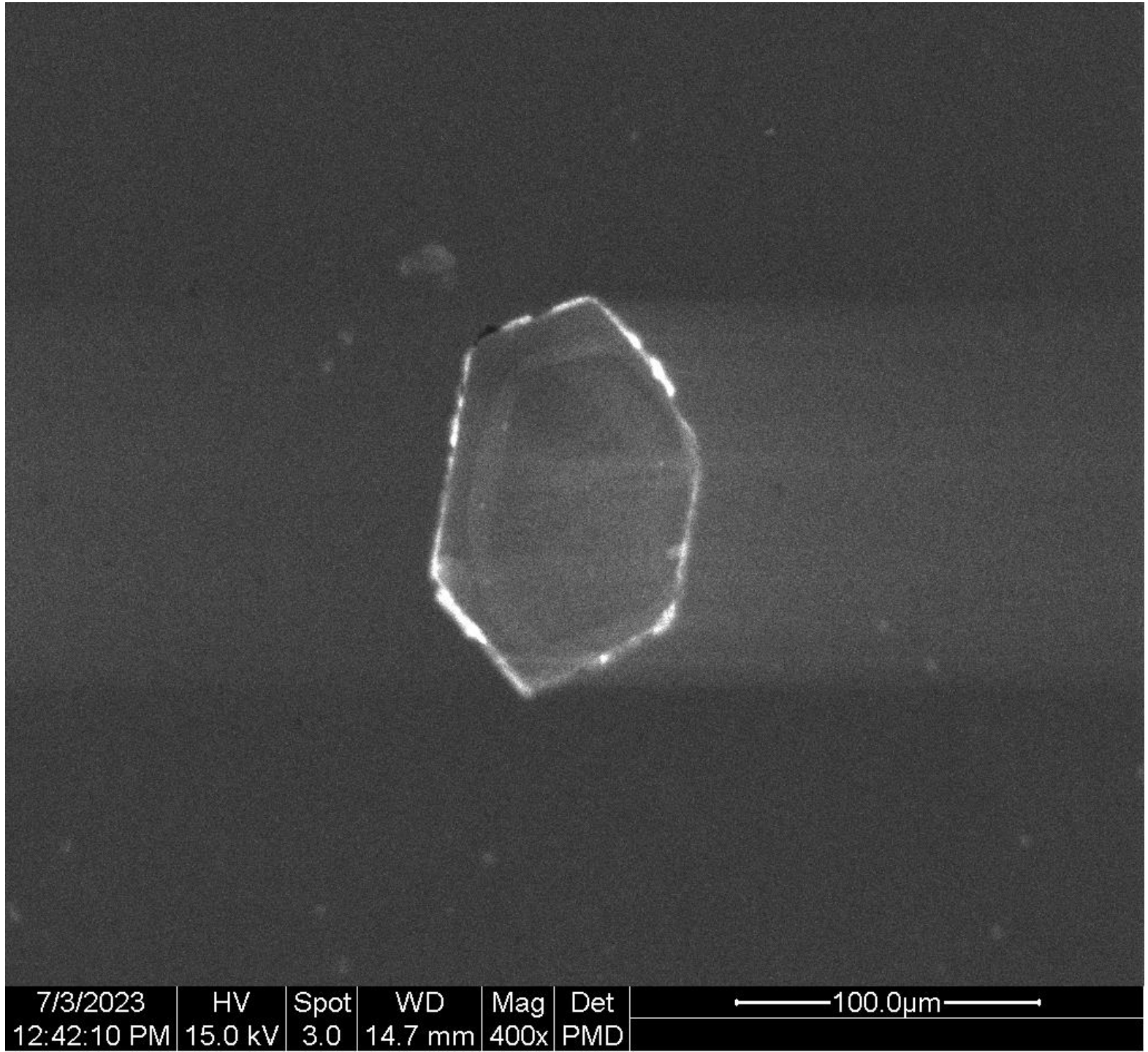
CG22JD01m1-CL_032.tif

NA



CG22JD01m1-CL_033.tif

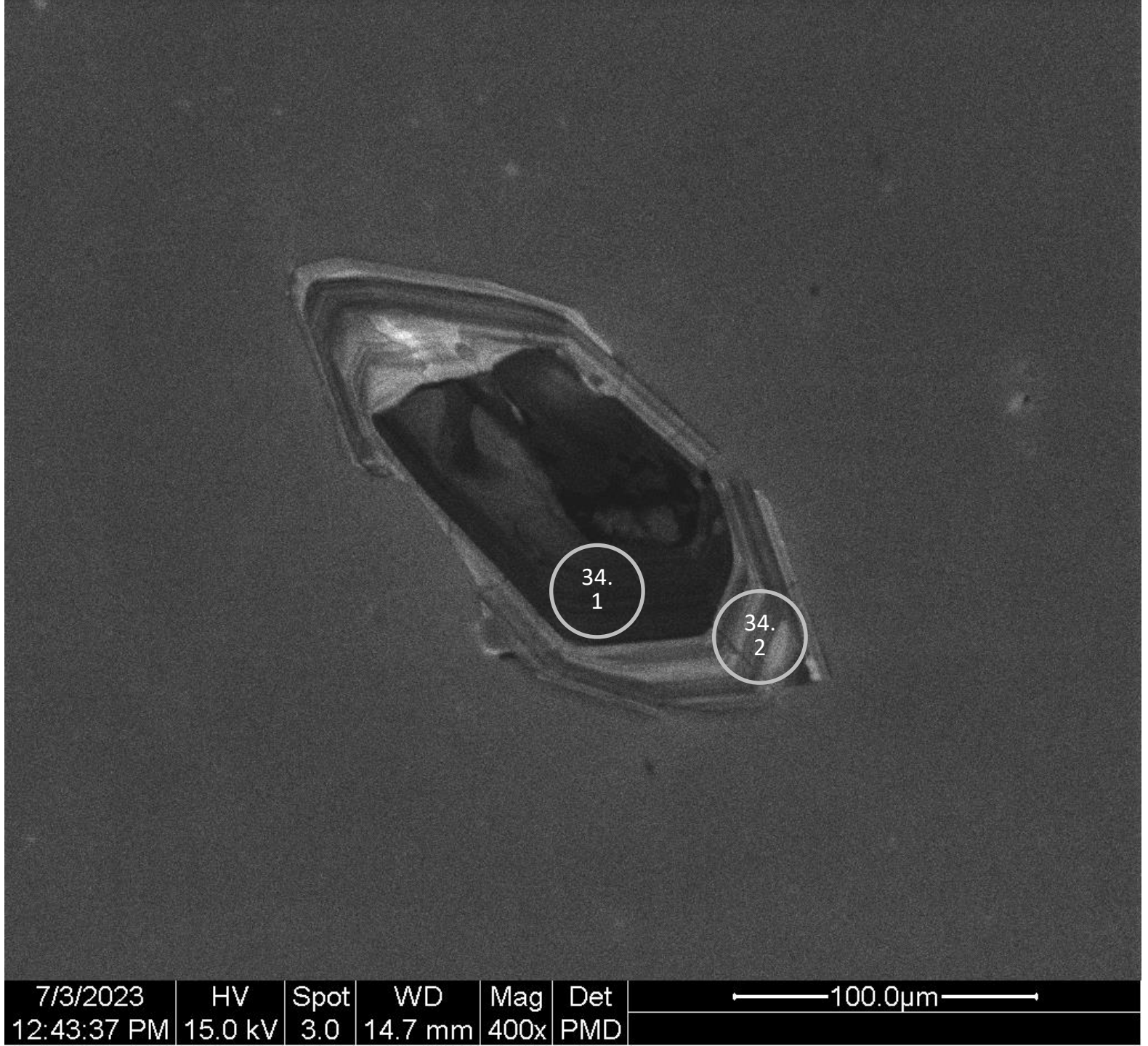
NA



CG22JD01m1-CL_034.tif

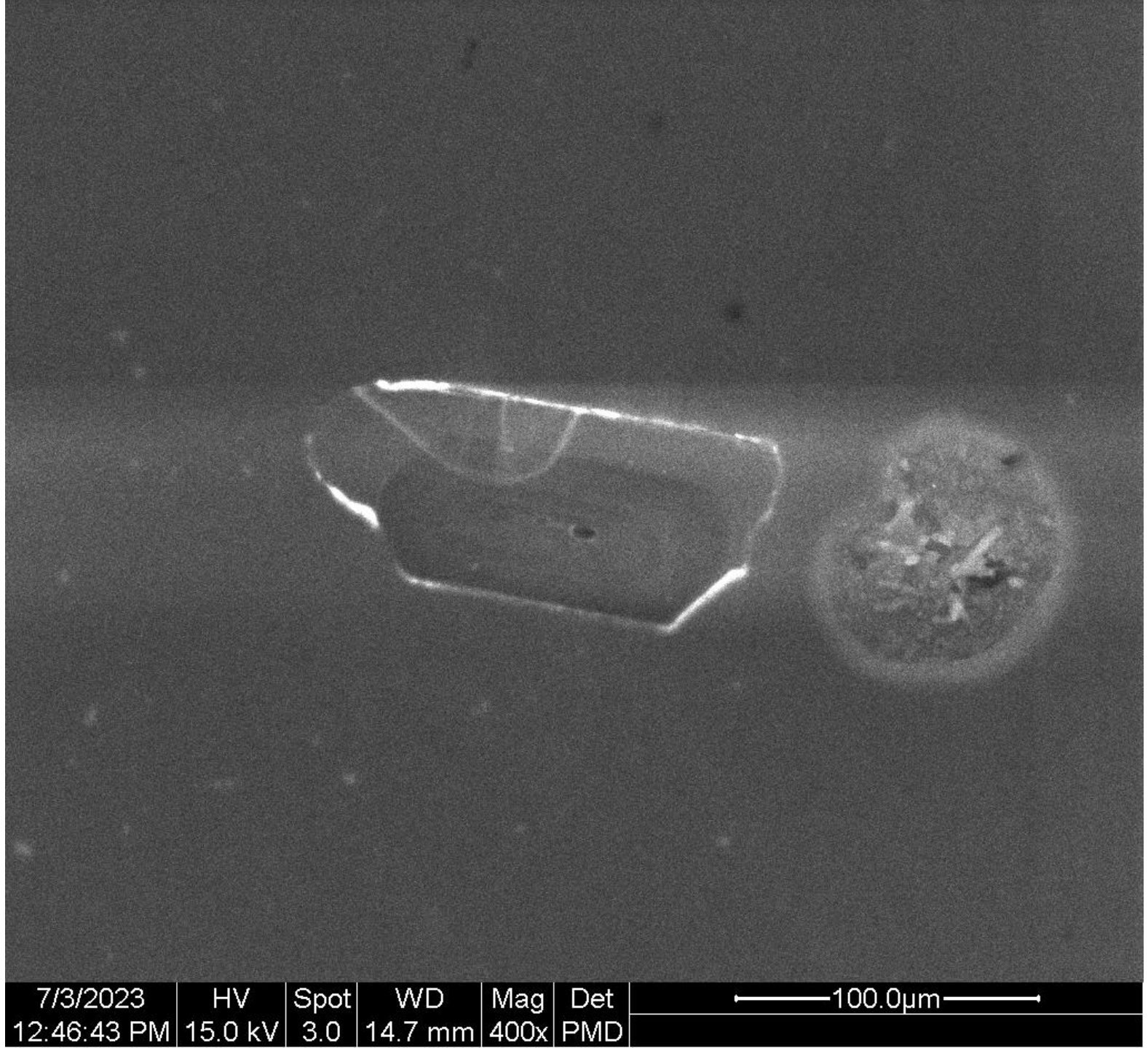
2 x U-Pb

34.1, 34.2



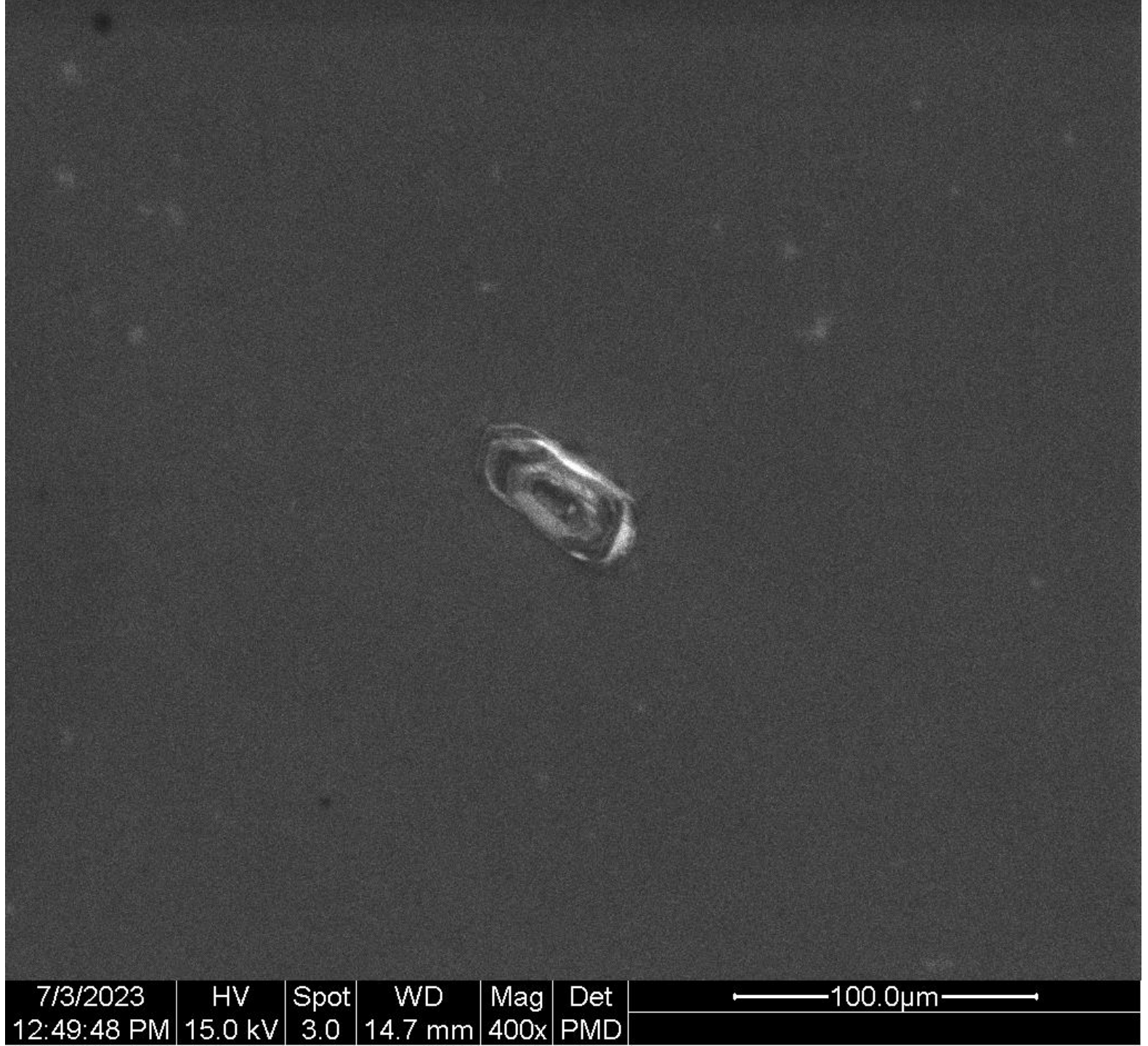
CG22JD01m1-CL_035.tif

NA



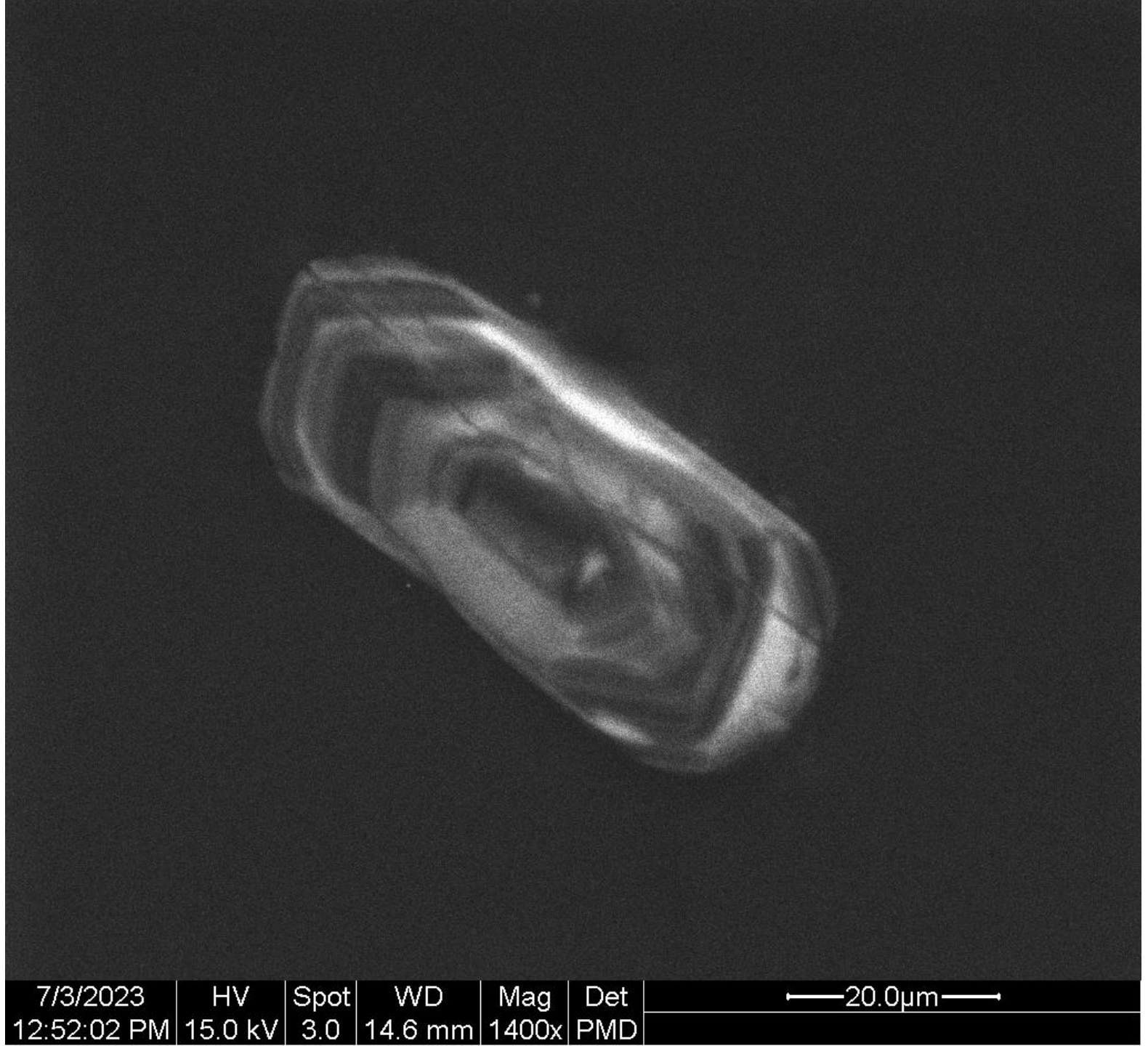
CG22JD01m1-CL_036.tif

NA



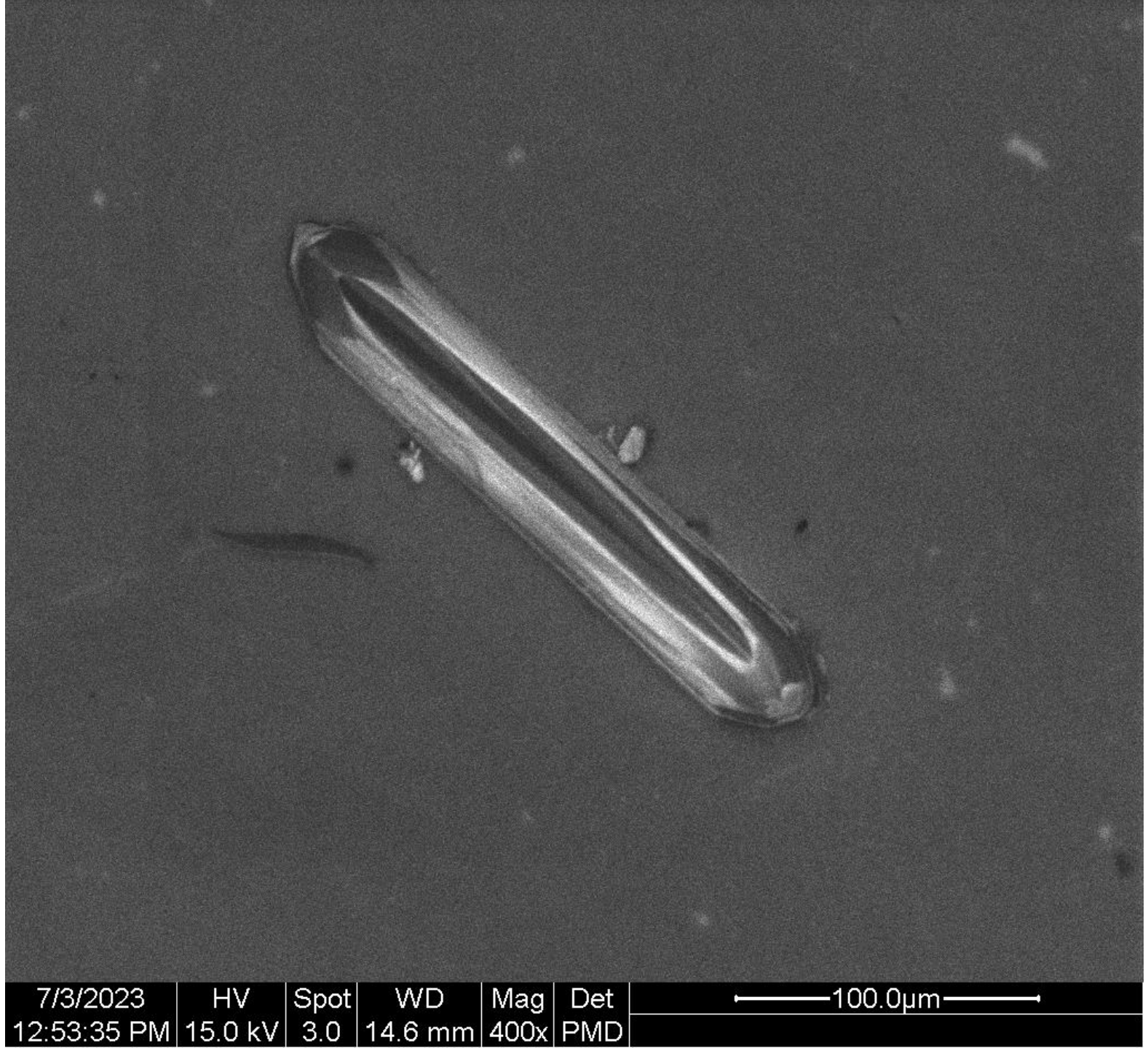
CG22JD01m1-CL_036_1400x.tif

NA



CG22JD01m1-CL_037.tif

NA

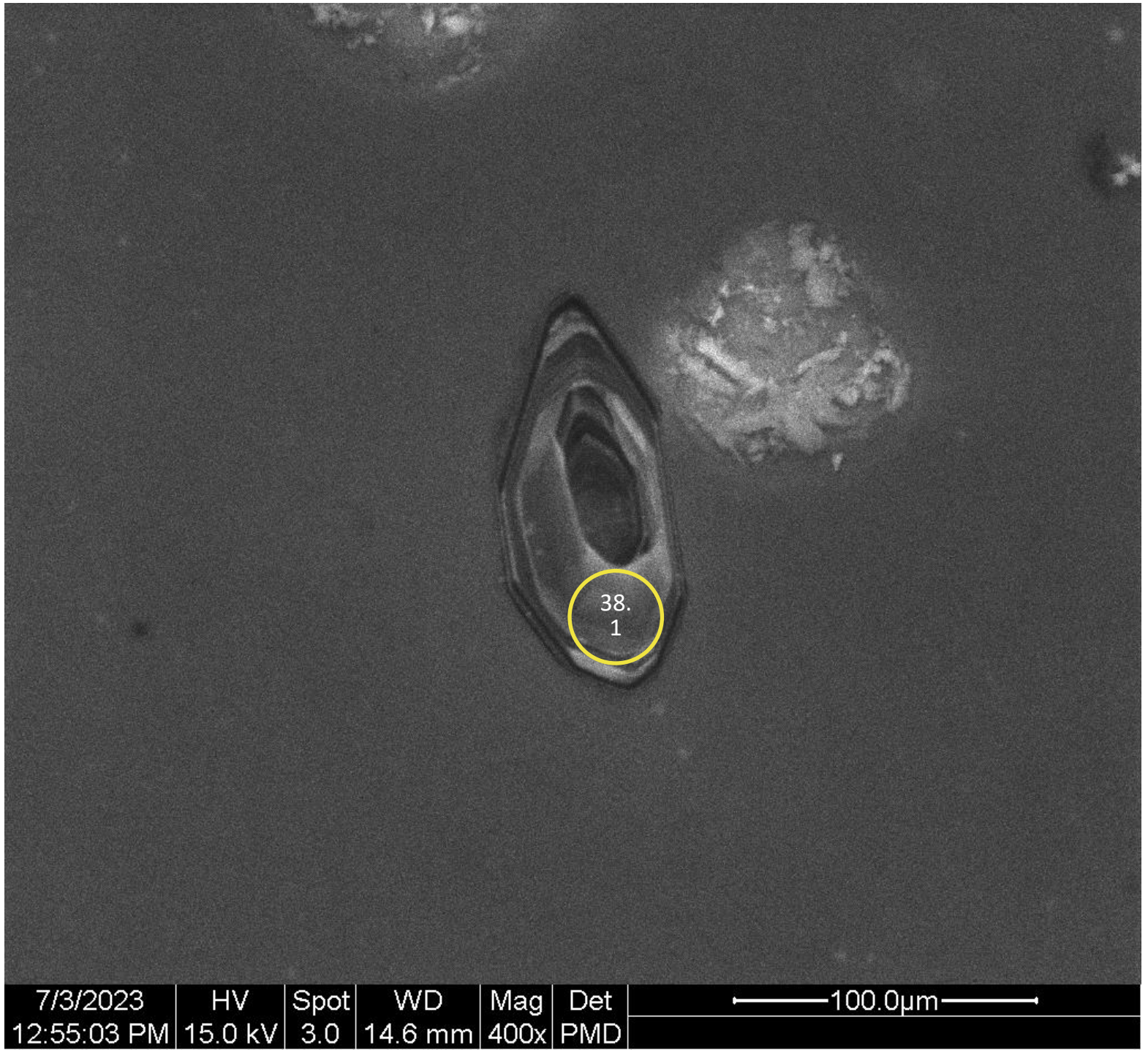


CG22JD01m1-CL_038.tif

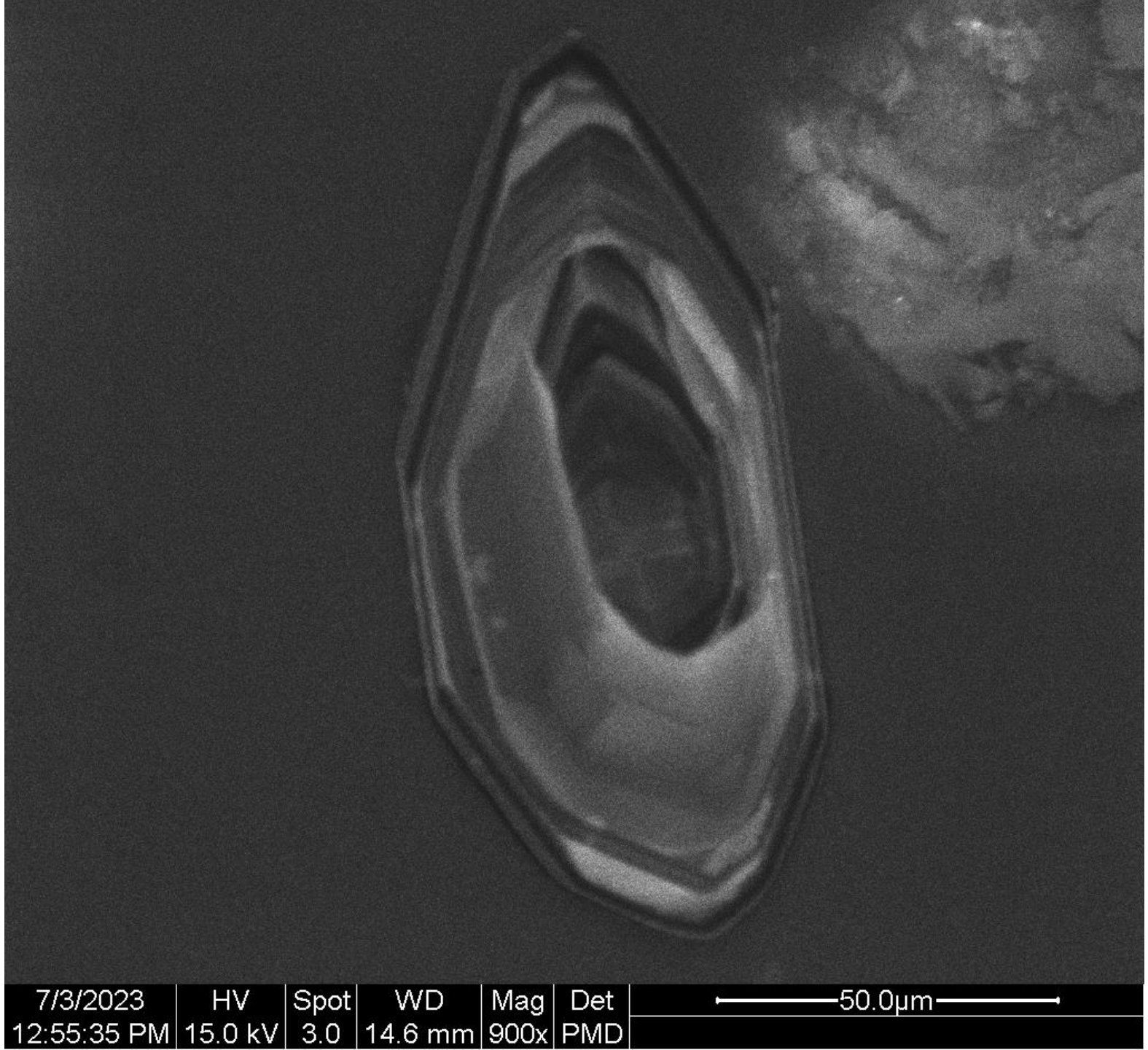
1 x U-Pb

38.1

Only analysable rim for JD-01.

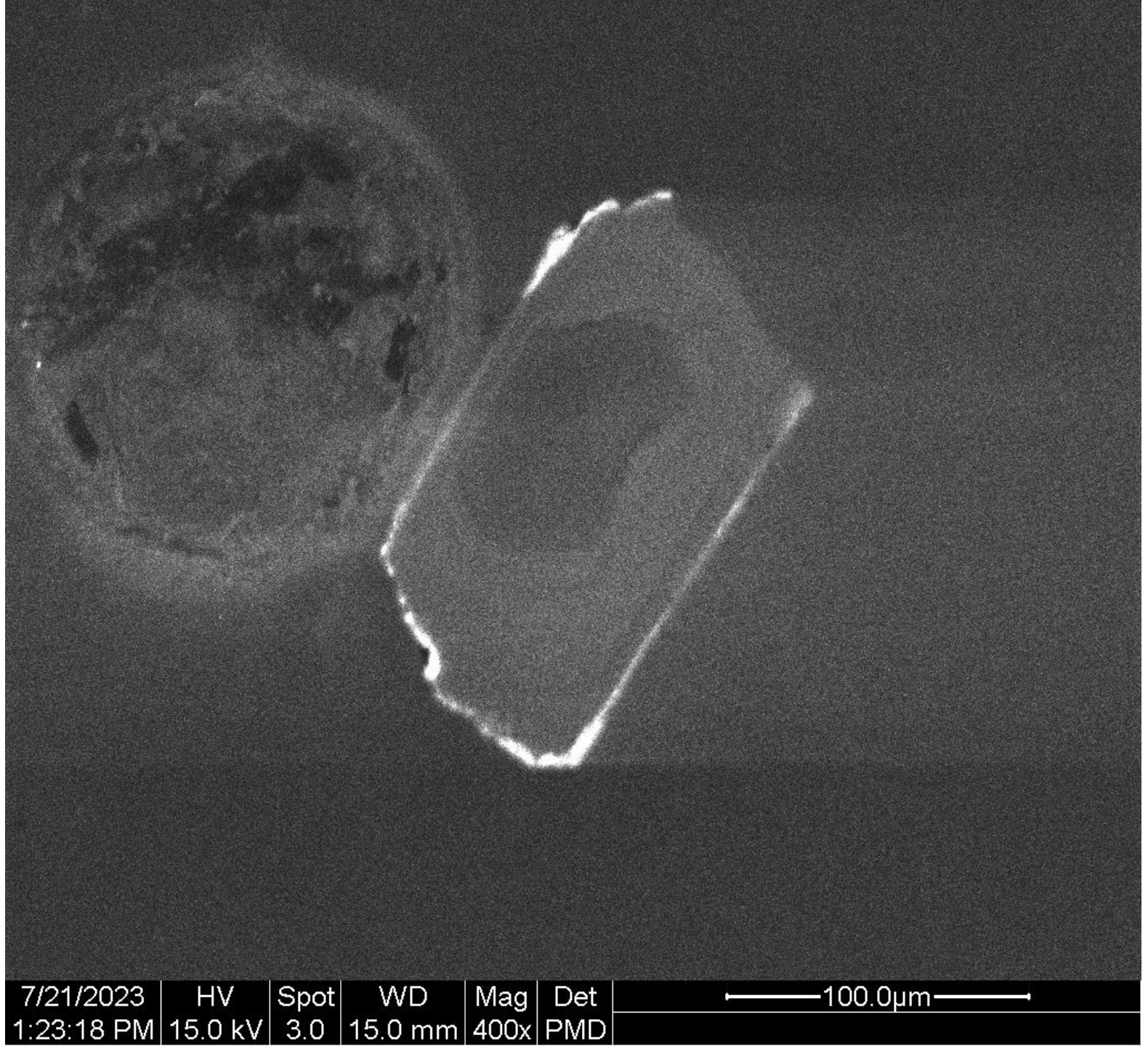


CG22JD01m1-
CL_038_900x.tif



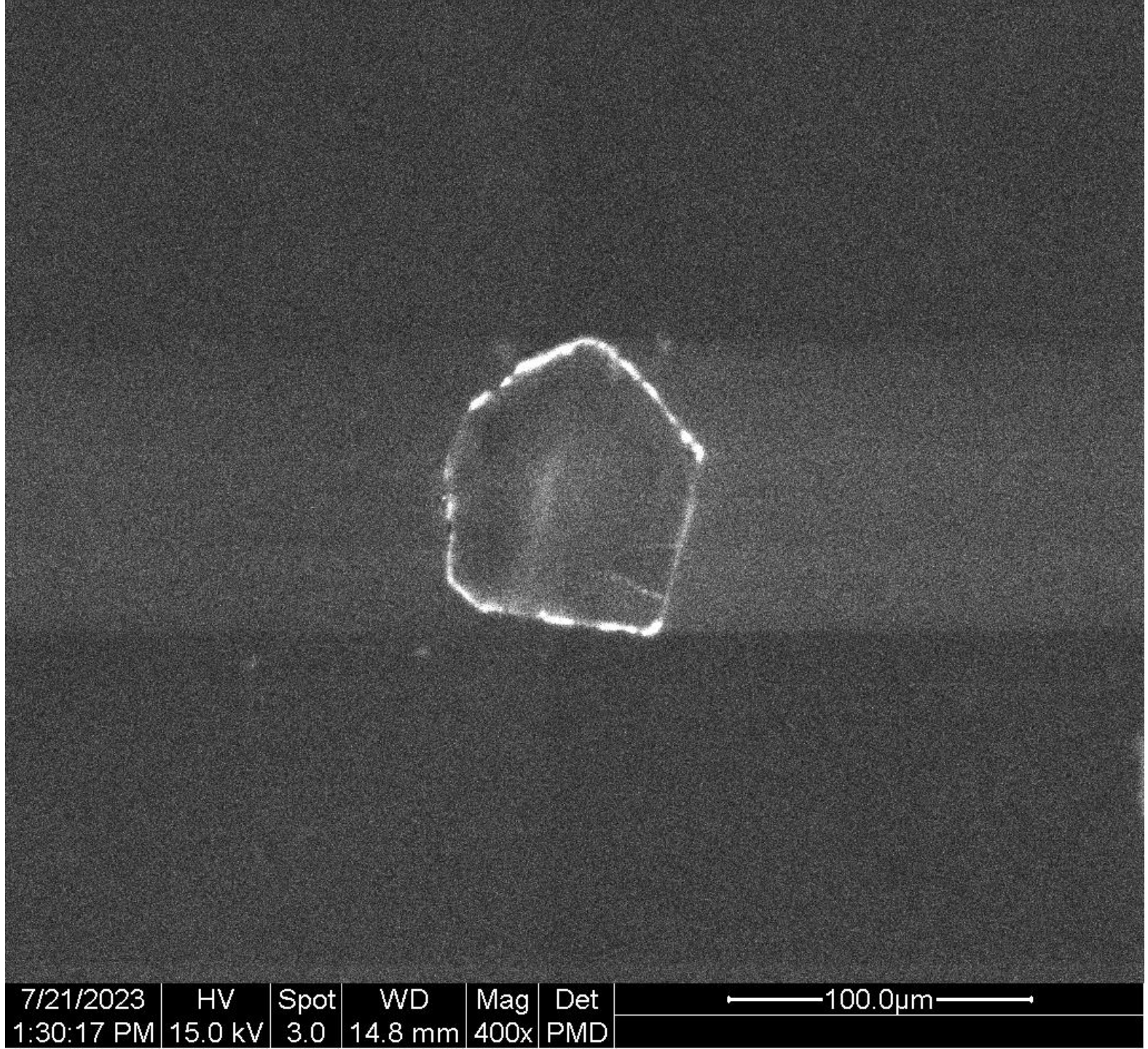
CG22JD01m1-CL_039.tif

NA



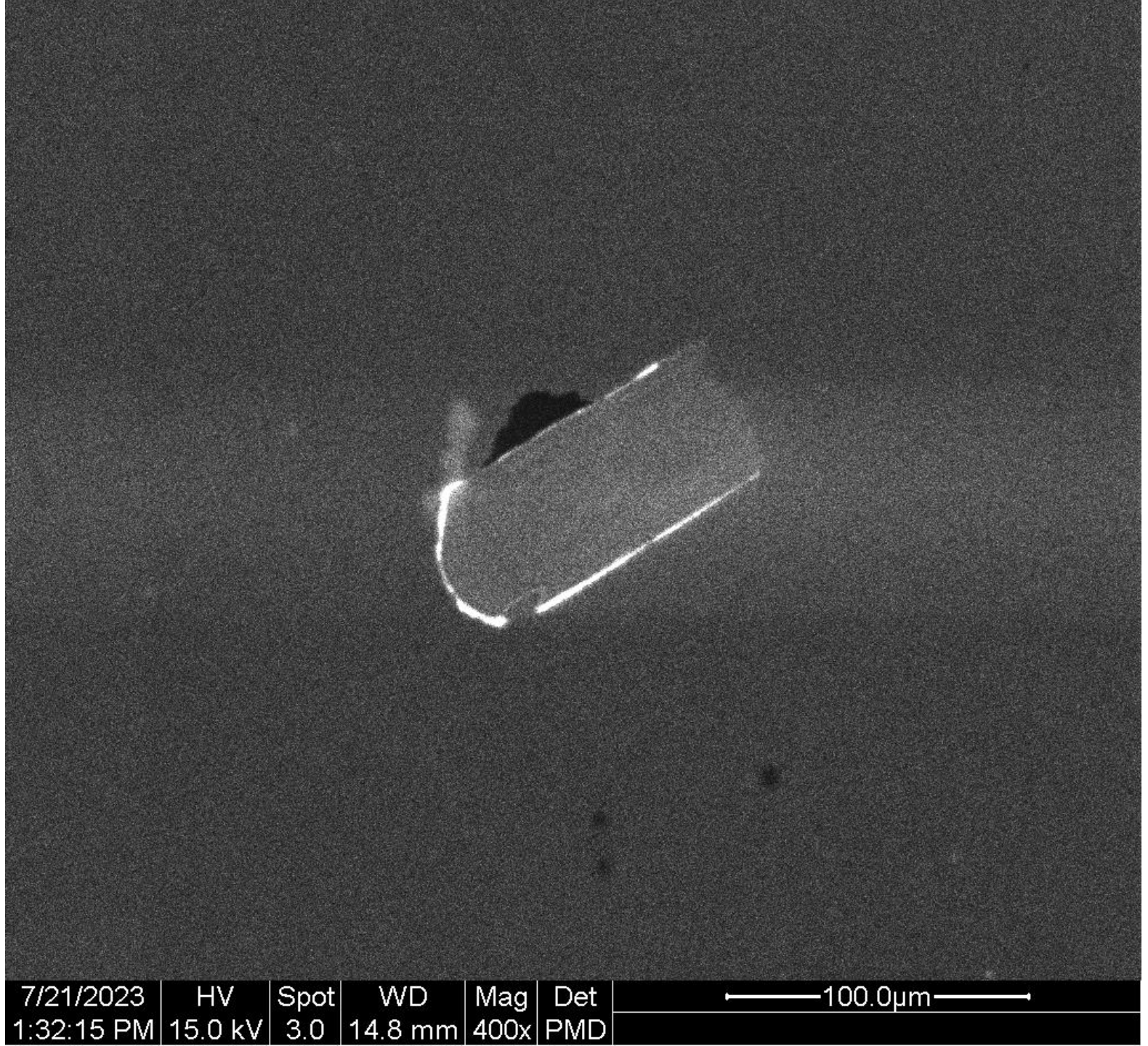
CG22JD01m1-CL_040.tif

NA



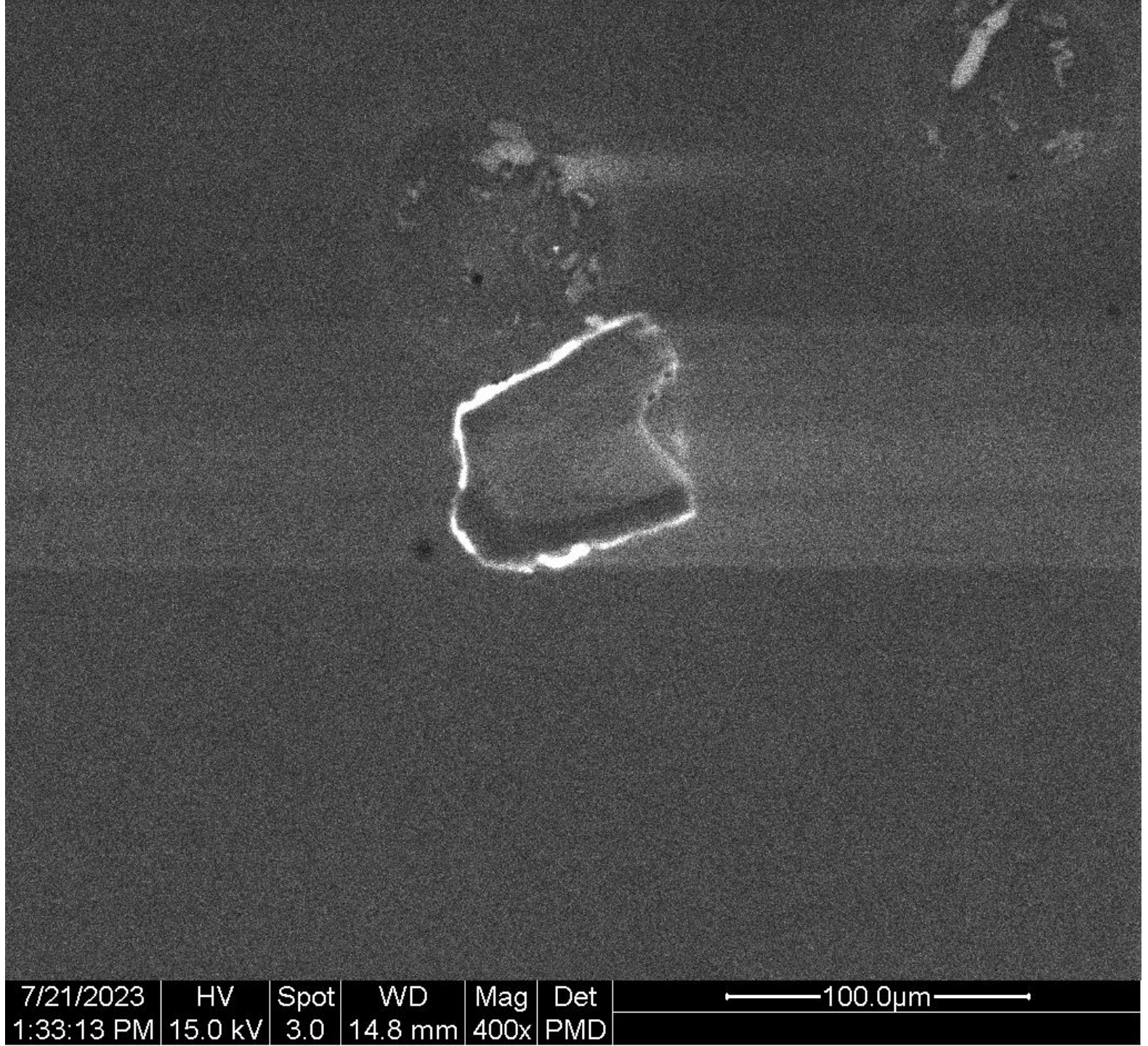
CG22JD01m1-CL_041.tif

NA



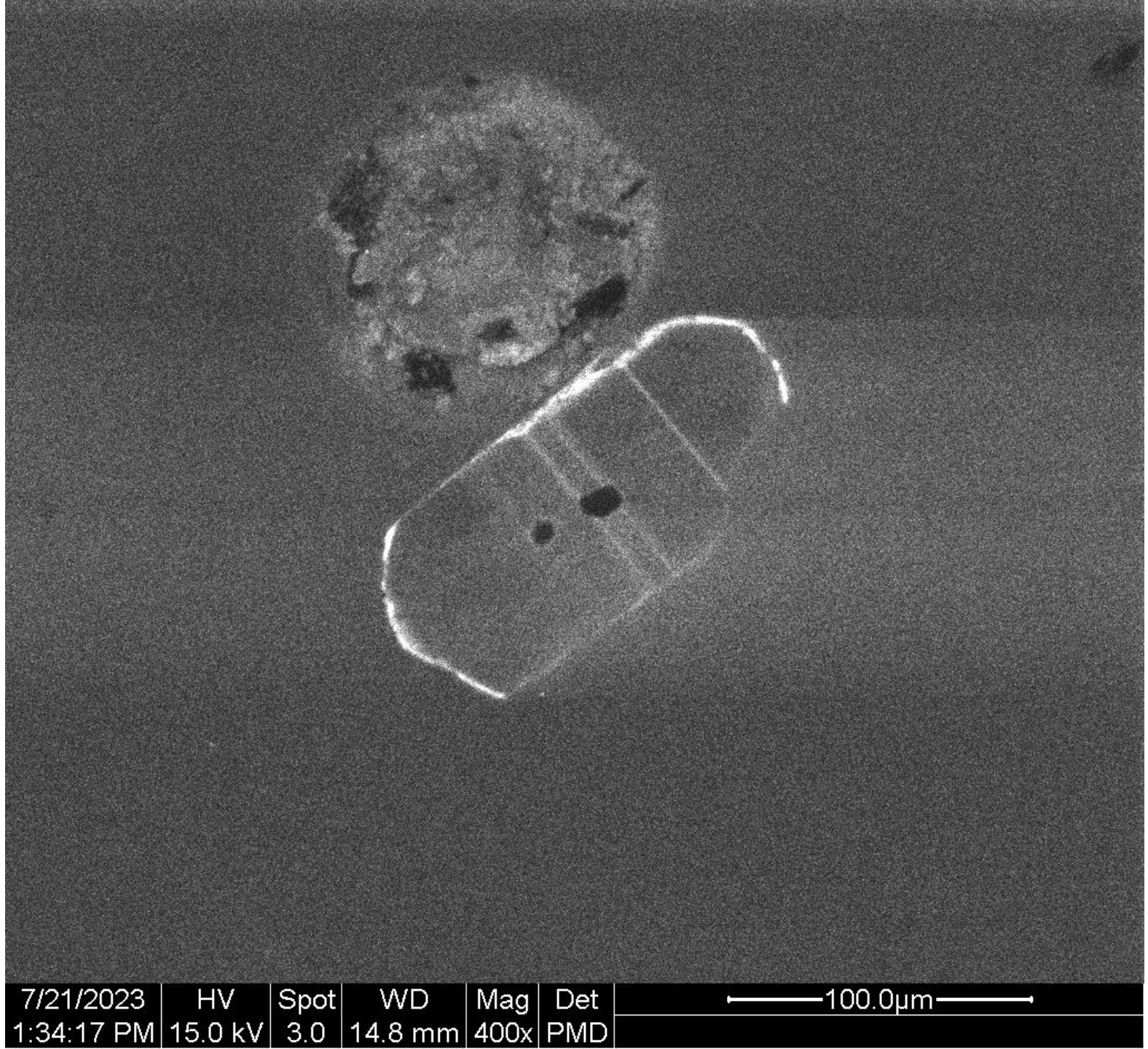
CG22JD01m1-CL_042.tif

NA



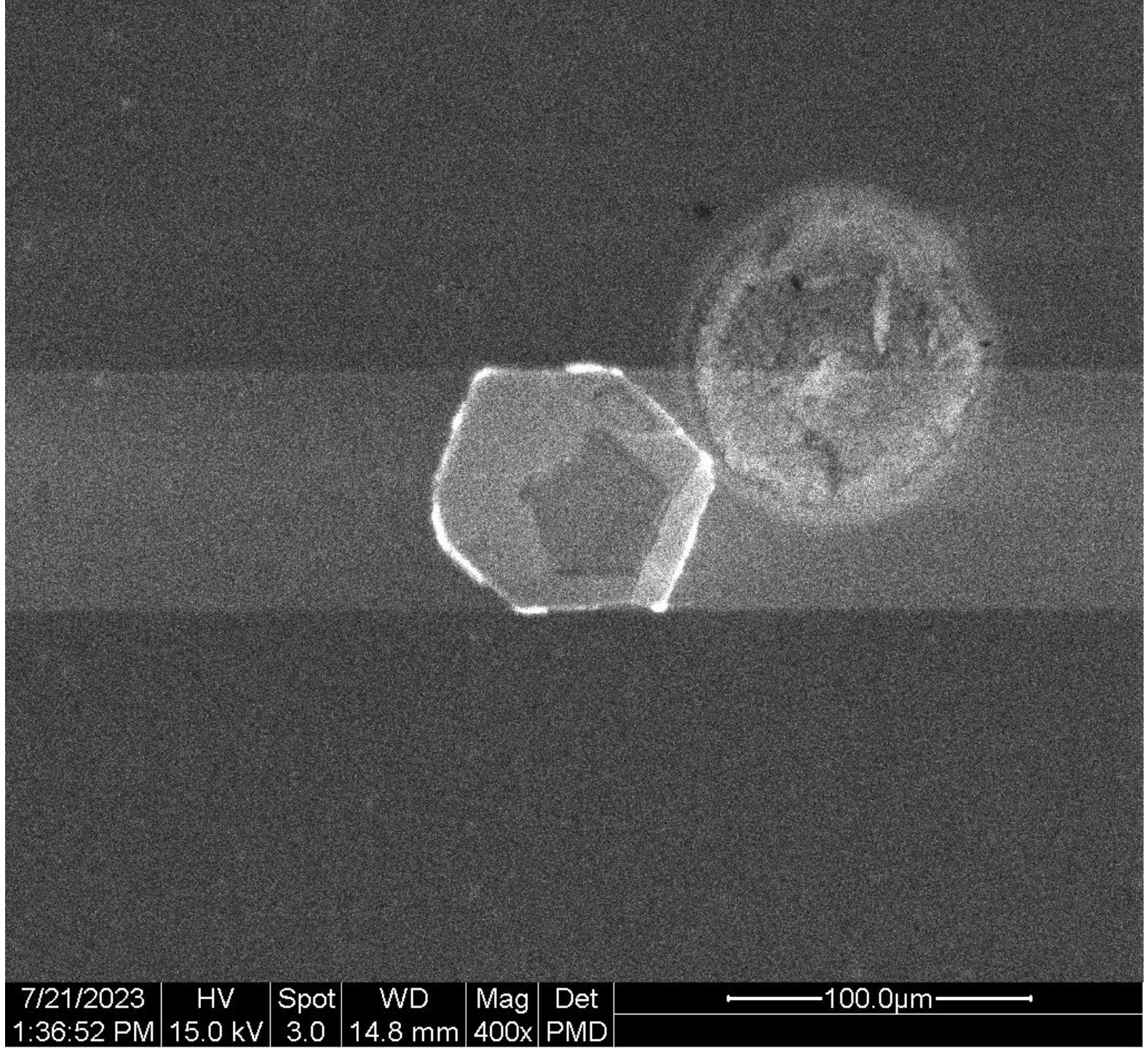
CG22JD01m1-CL_043.tif

NA



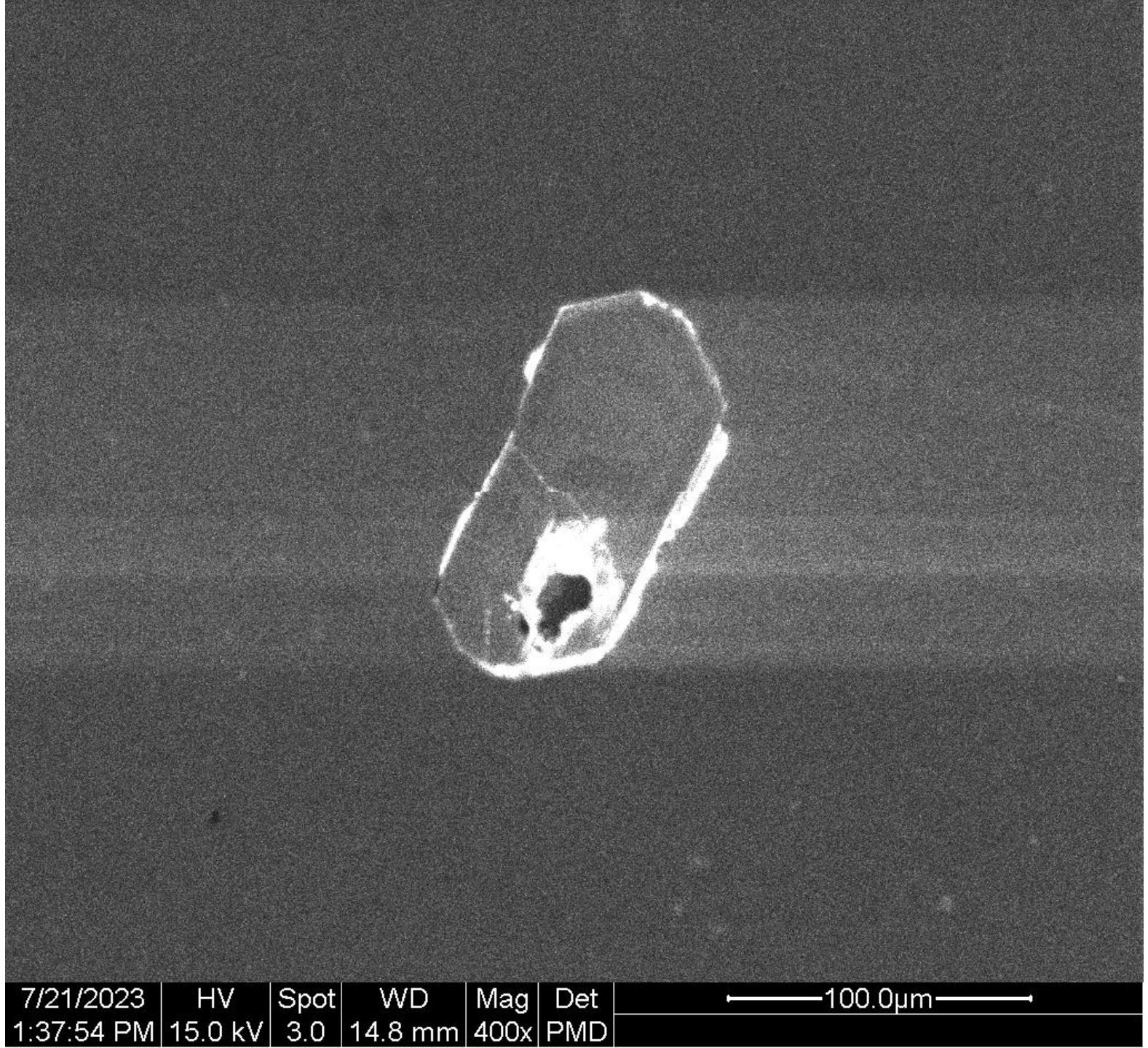
CG22JD01m1-CL_044.tif

NA



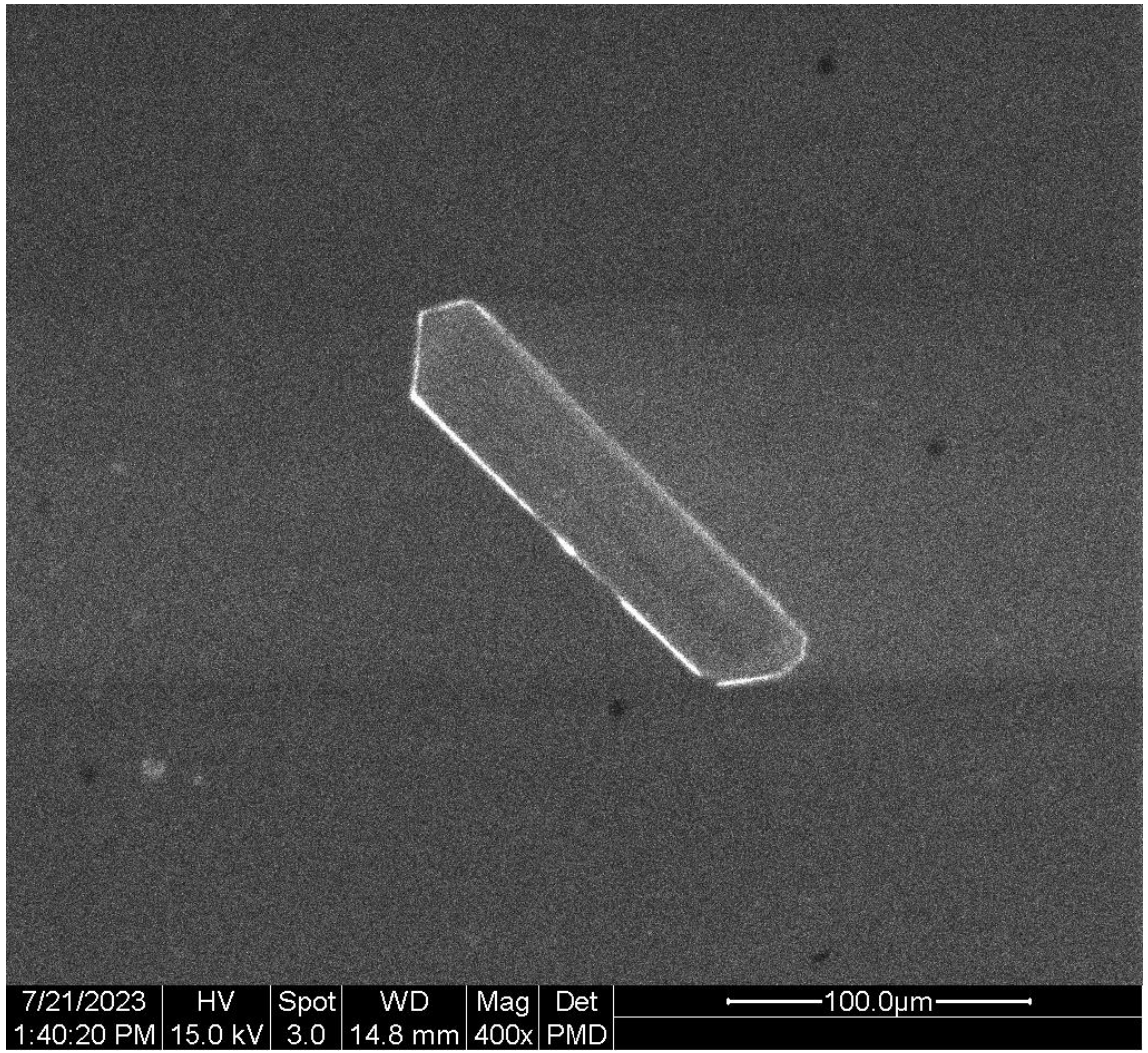
CG22JD01m1-CL_045.tif

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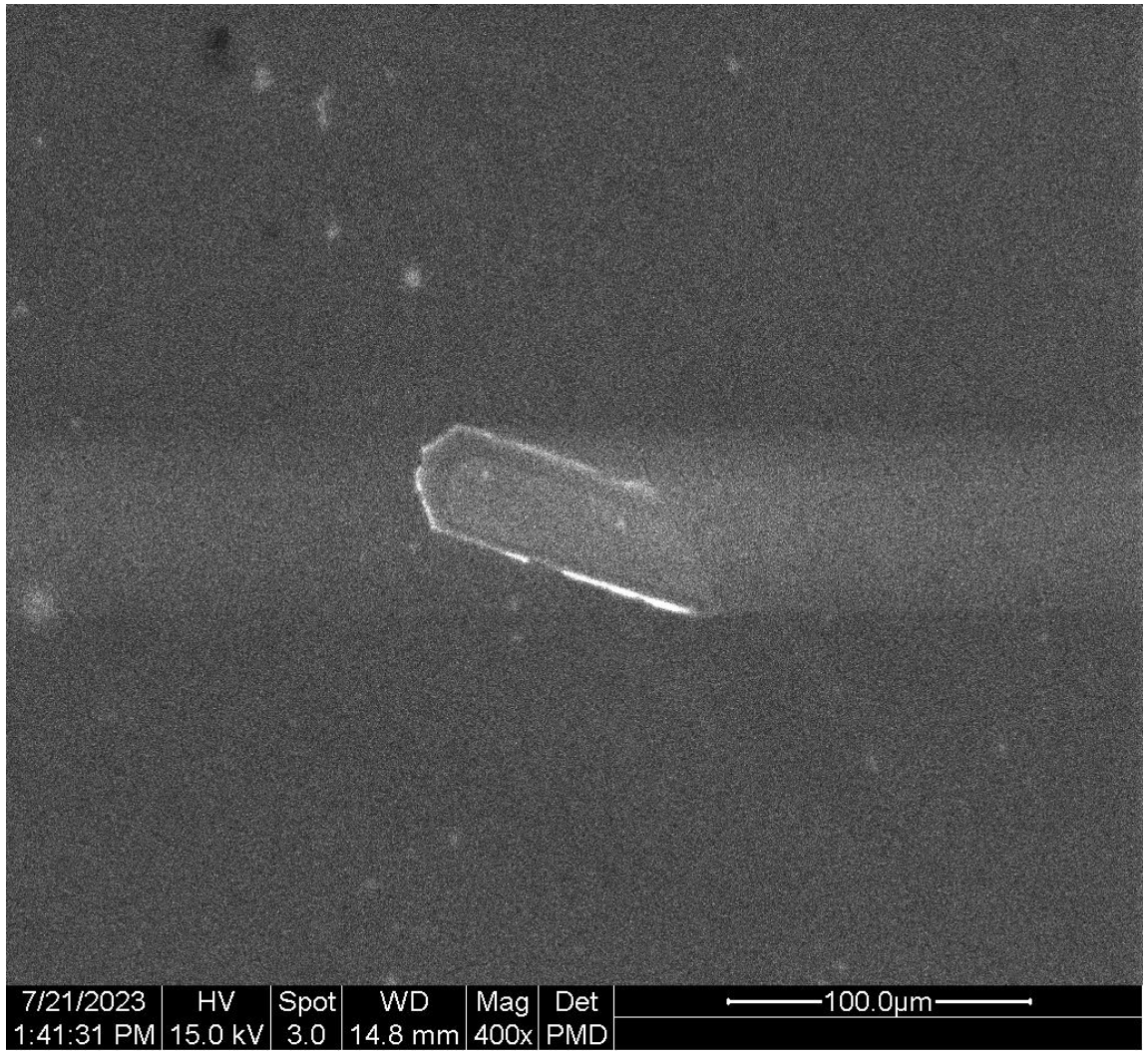
CG22JD01m1-
CL_046.tif

NA



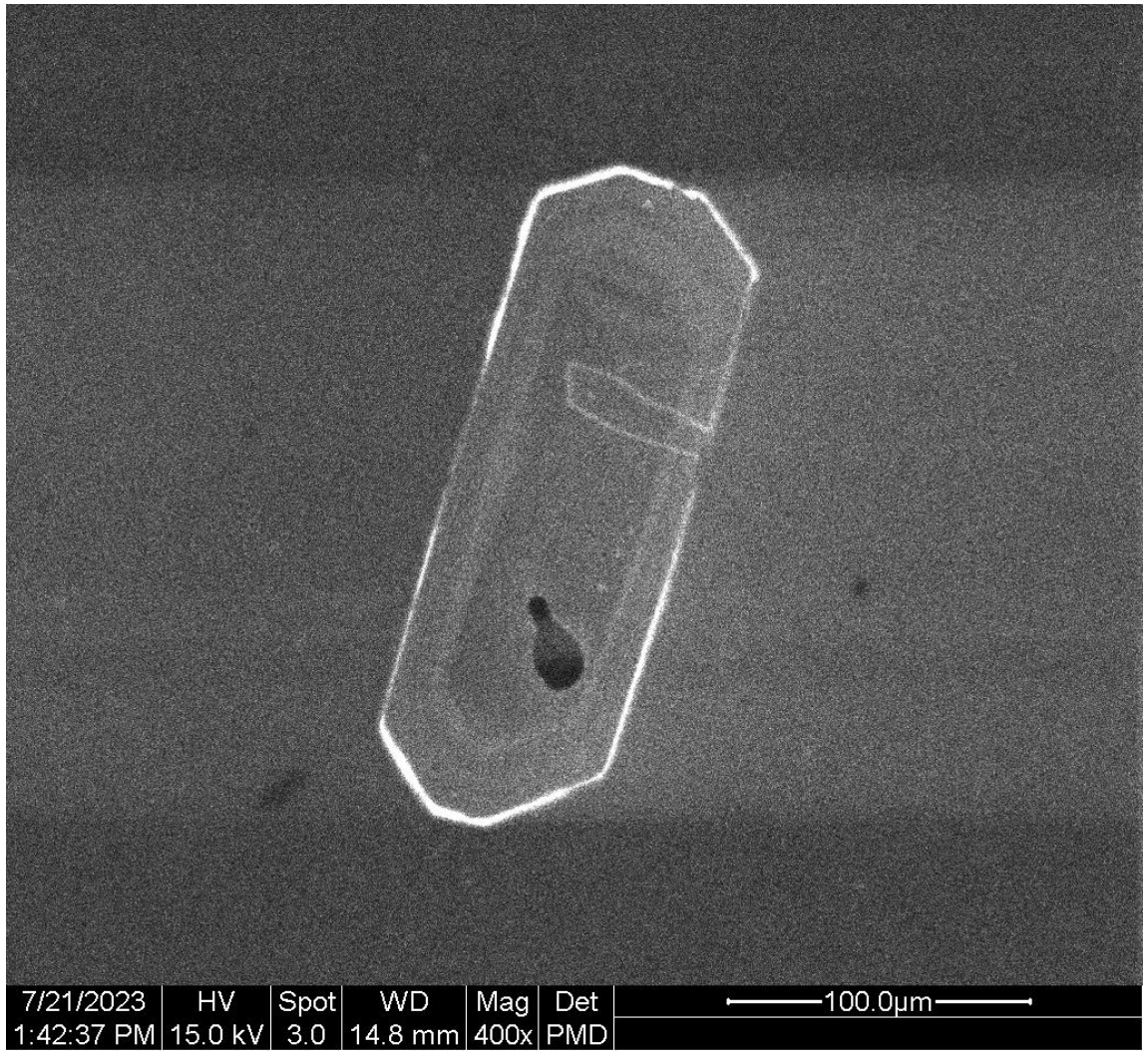
CG22JD01m1-
CL_047.tif

NA



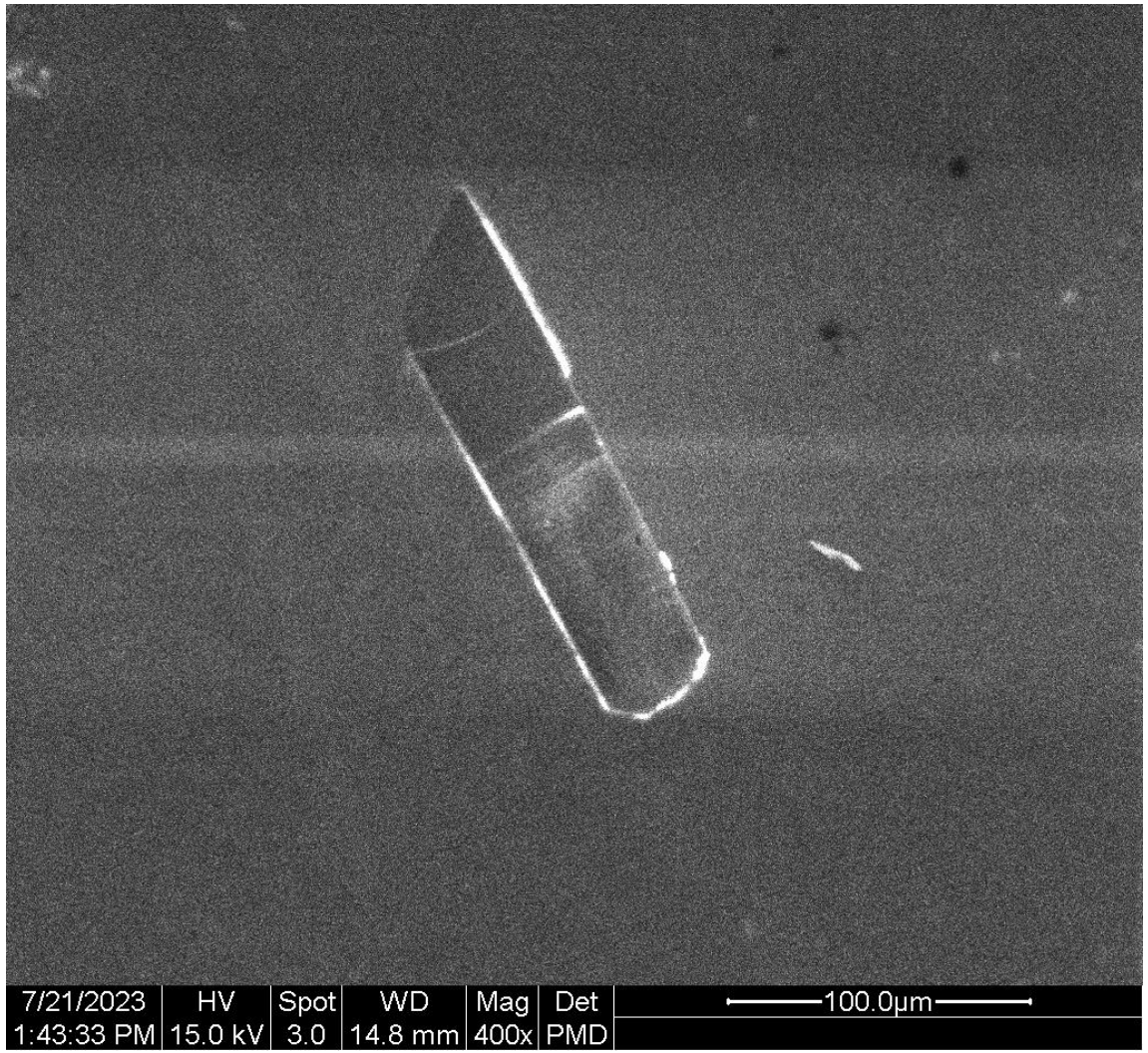
CG22JD01m1-
CL_048.tif

NA



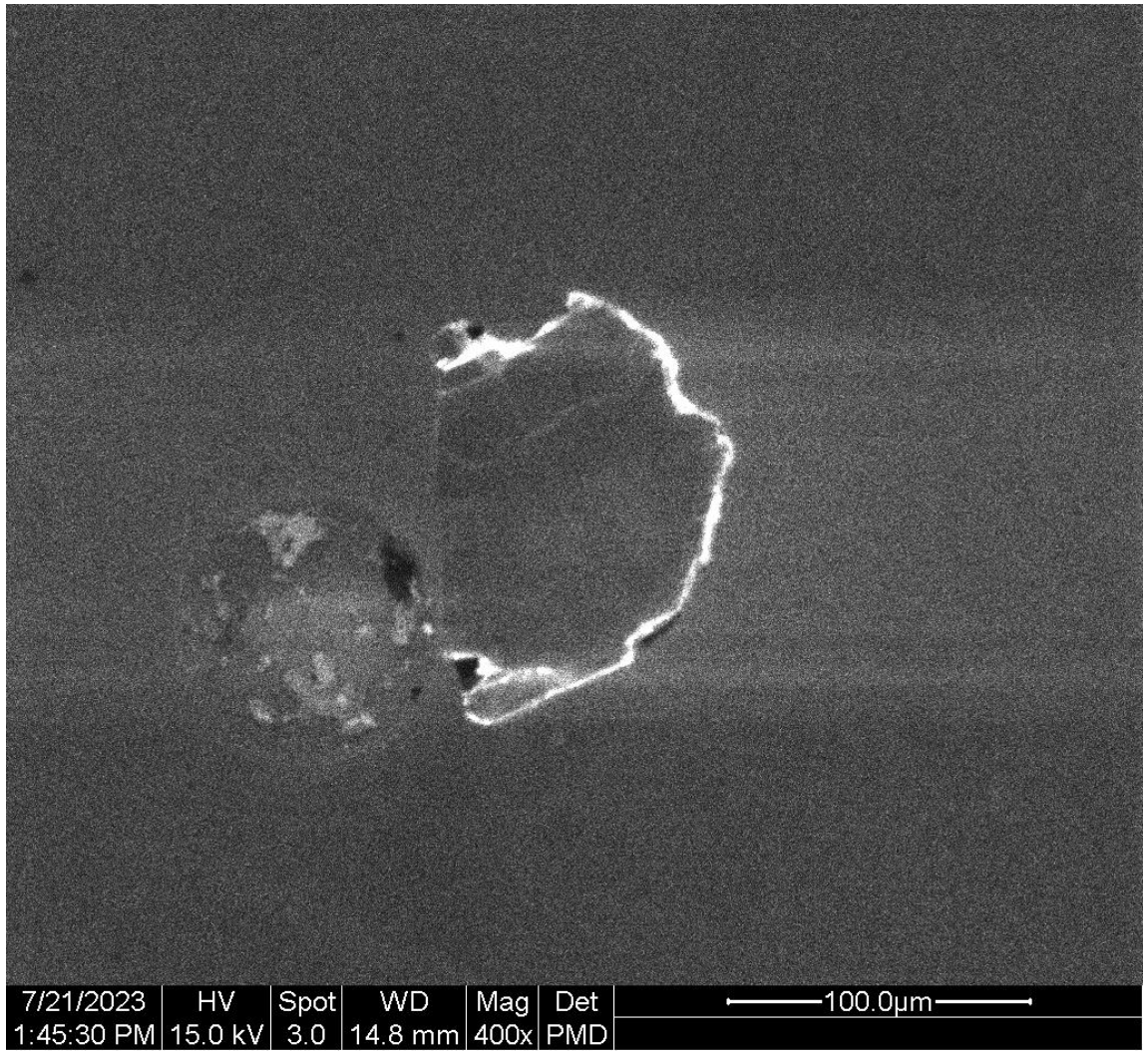
CG22JD01m1-
CL_049.tif

NA



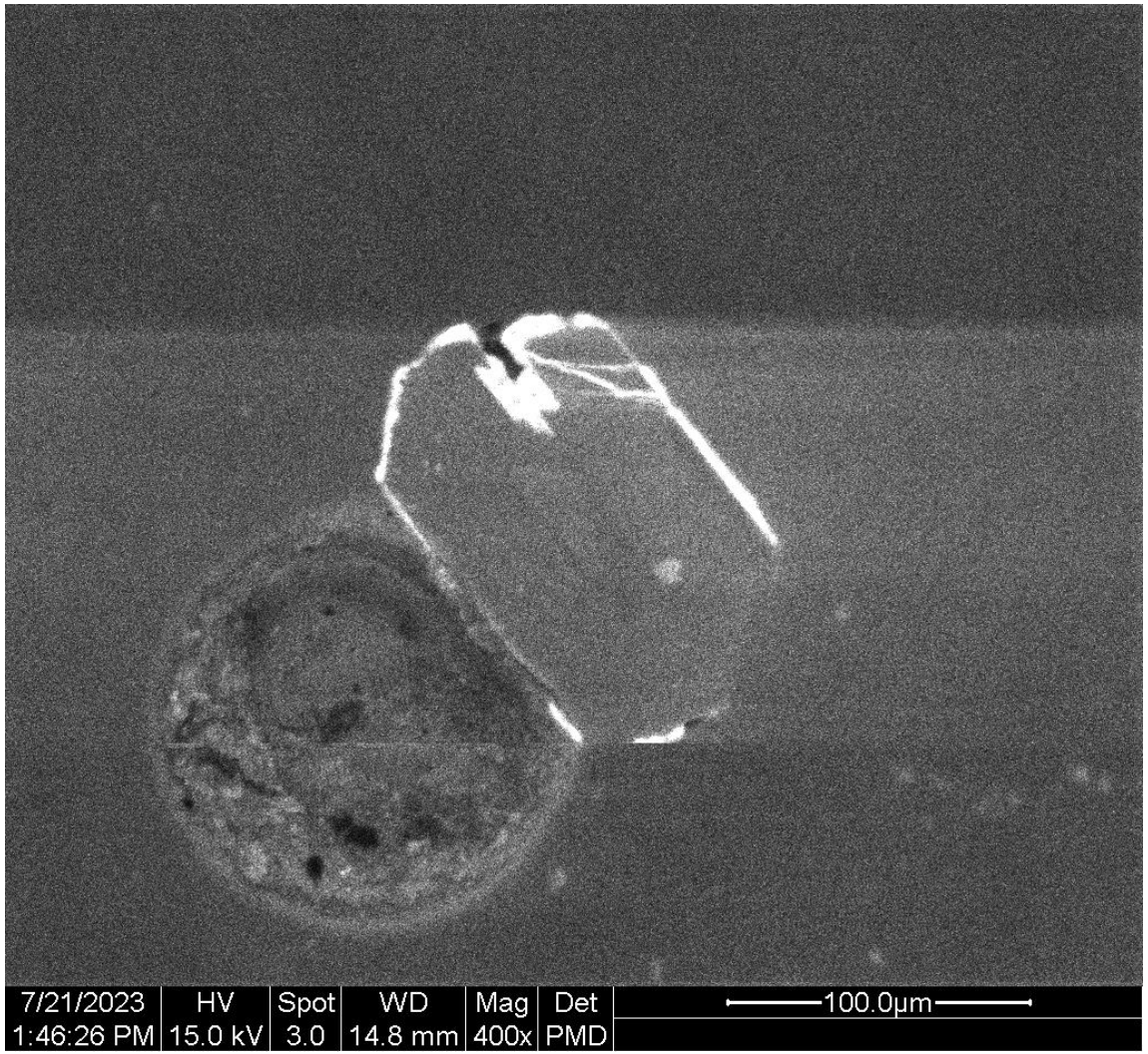
CG22JD01m1-
CL_050.tif

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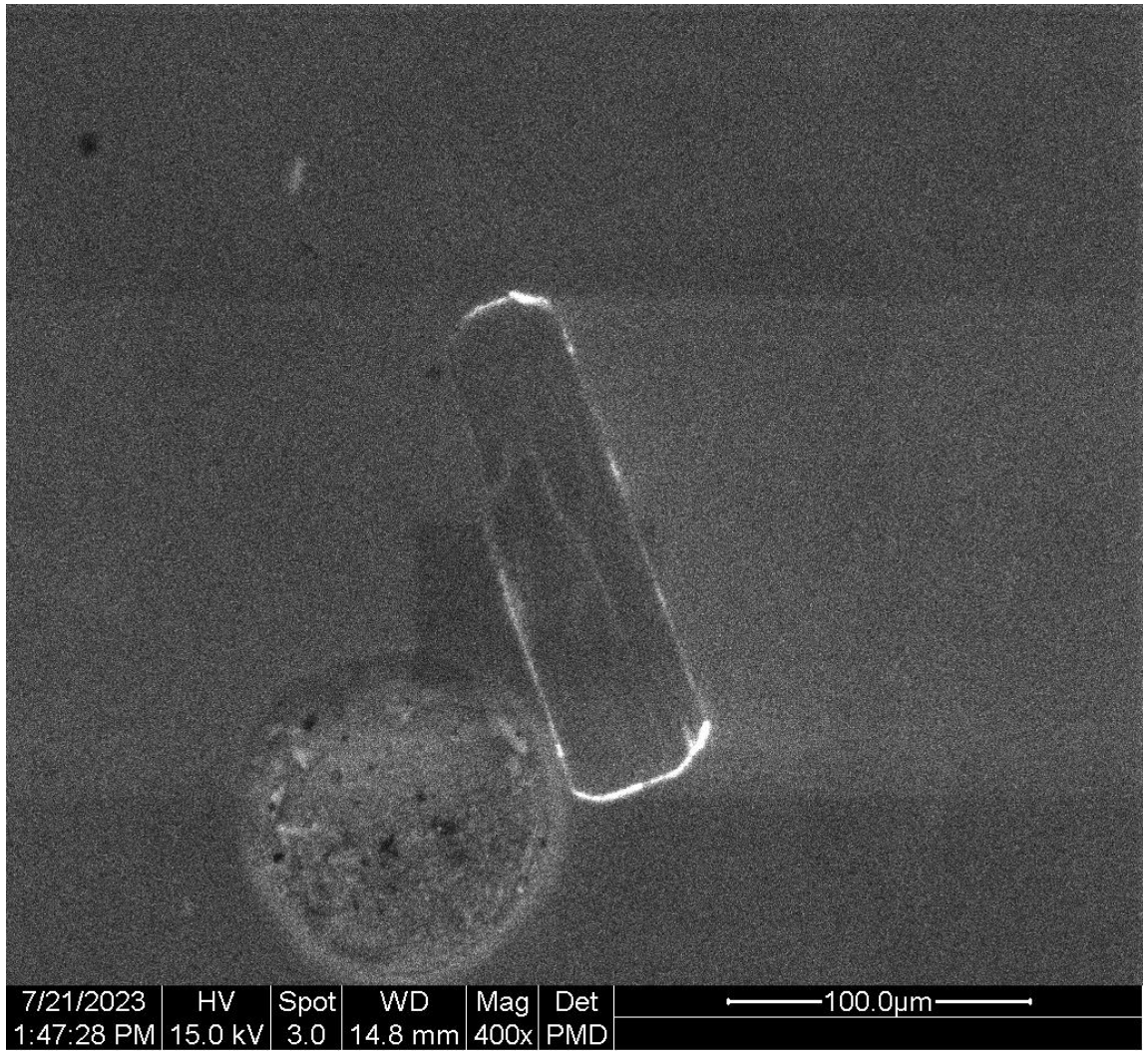
CG22JD01m1-
CL_051.tif

NA



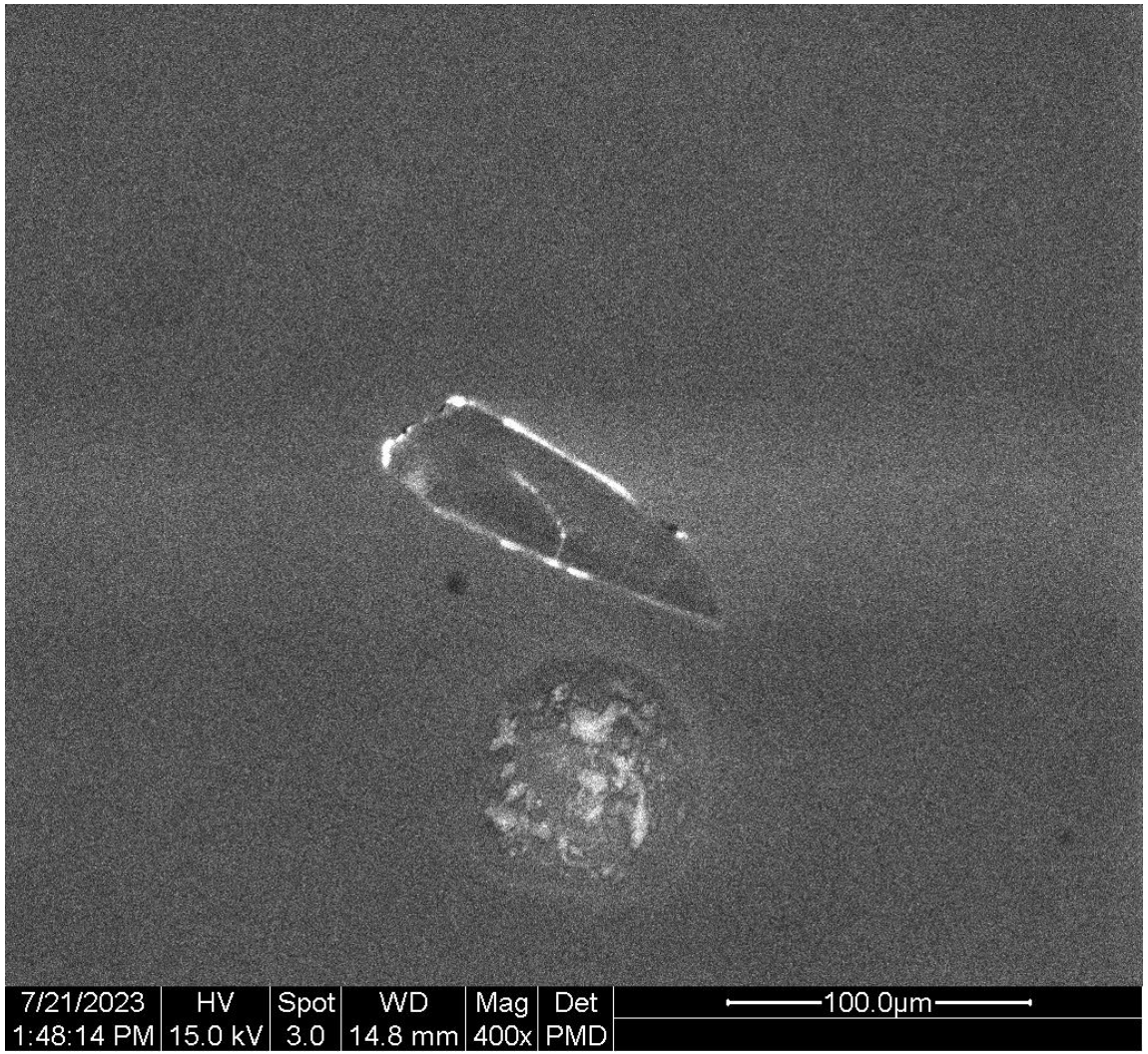
CG22JD01m1-
CL_052.tif

NA



CG22JD01m1-
CL_053.tif

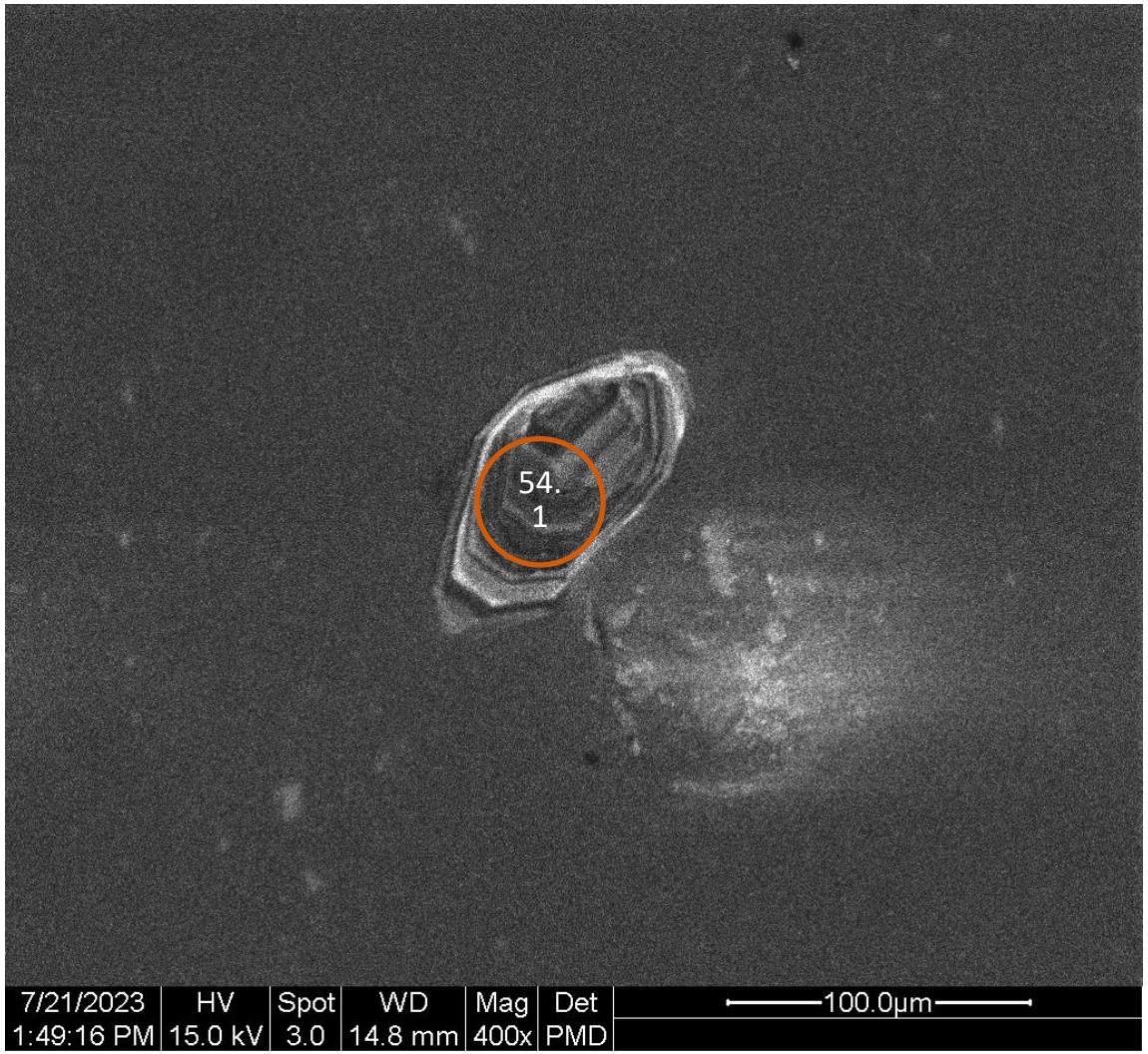
NA



CG22JD01m1-
CL_054.tif

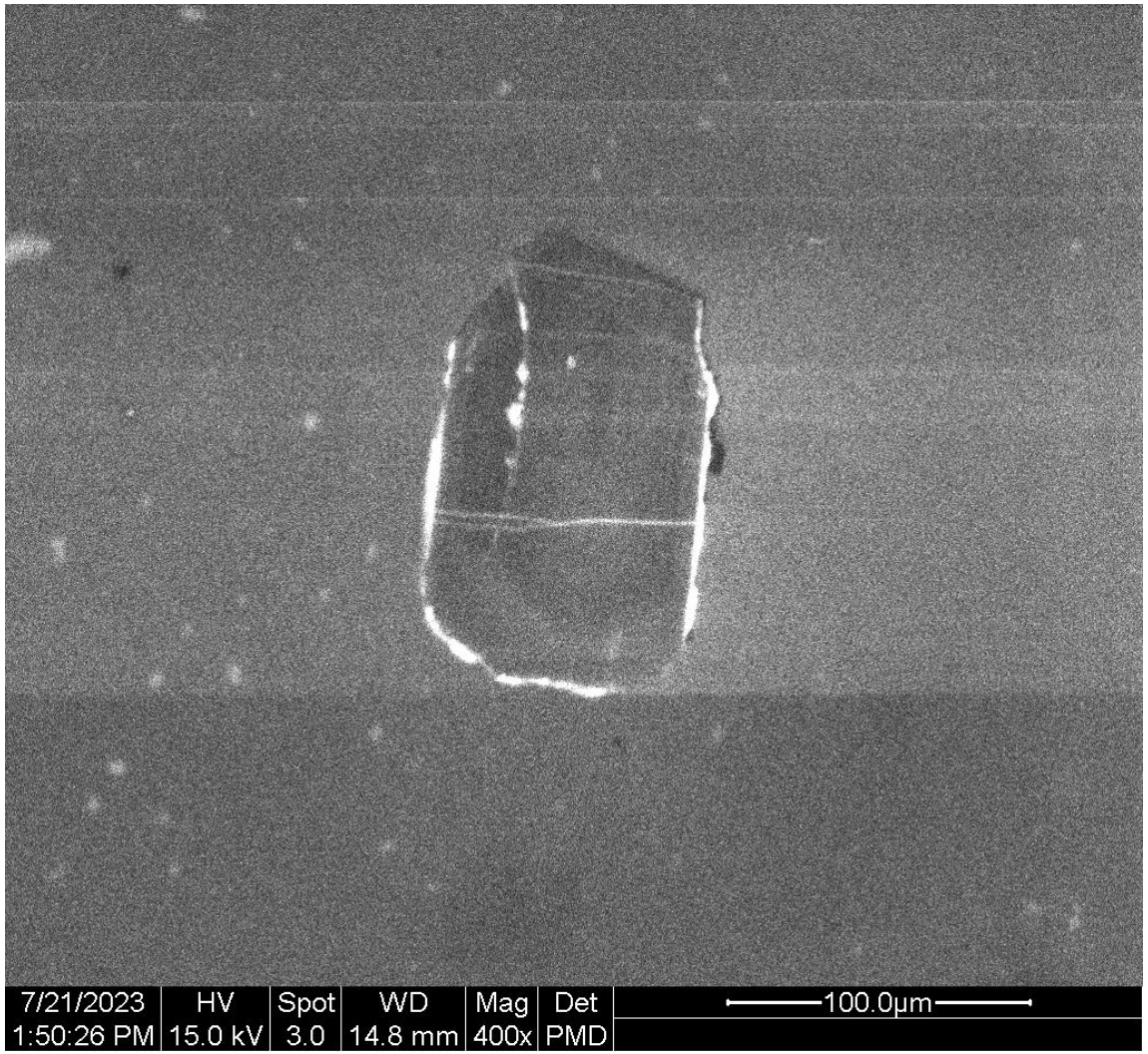
1 x U-Pb

54.1



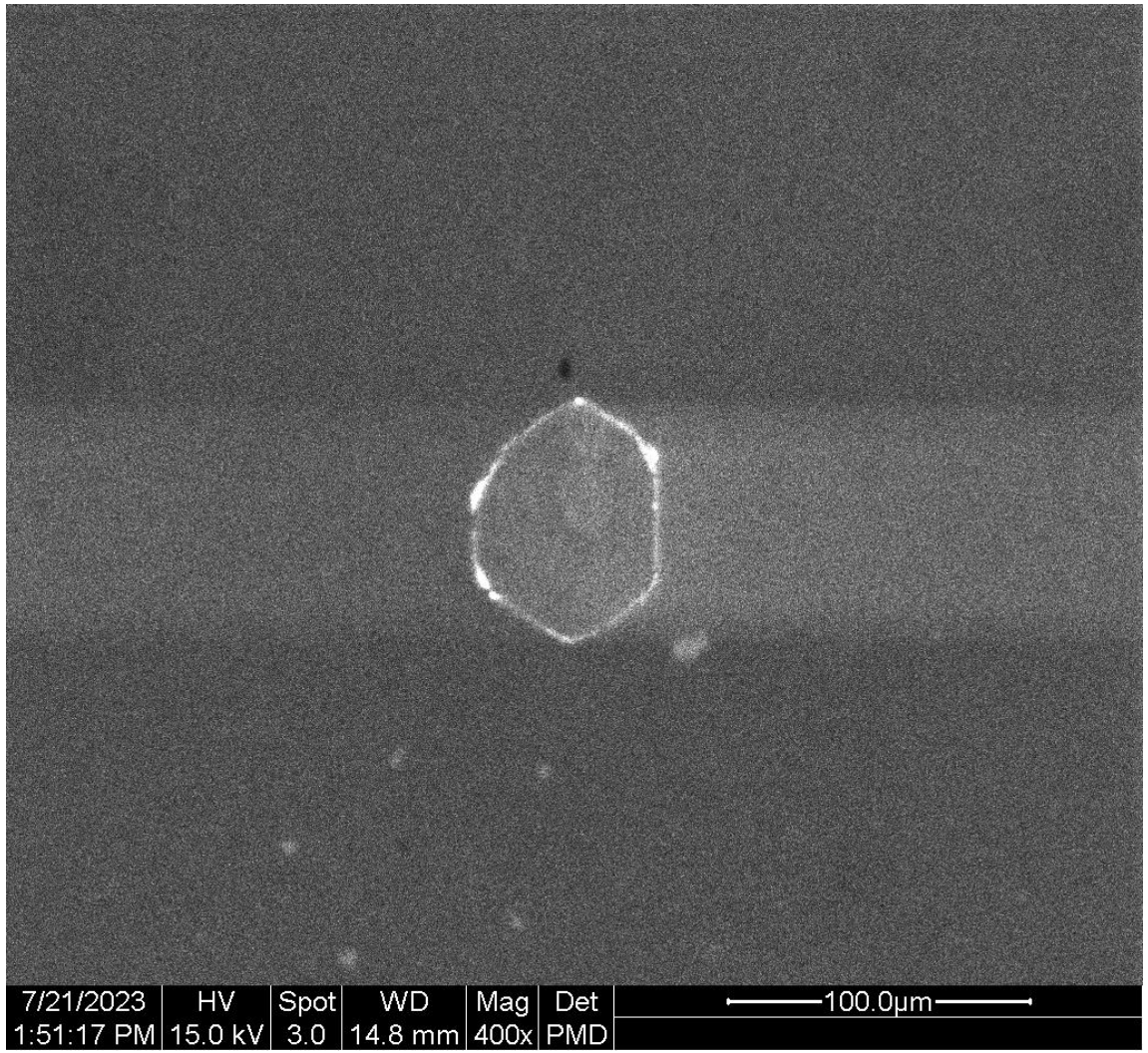
CG22JD01m1-
CL_055.tif

NA



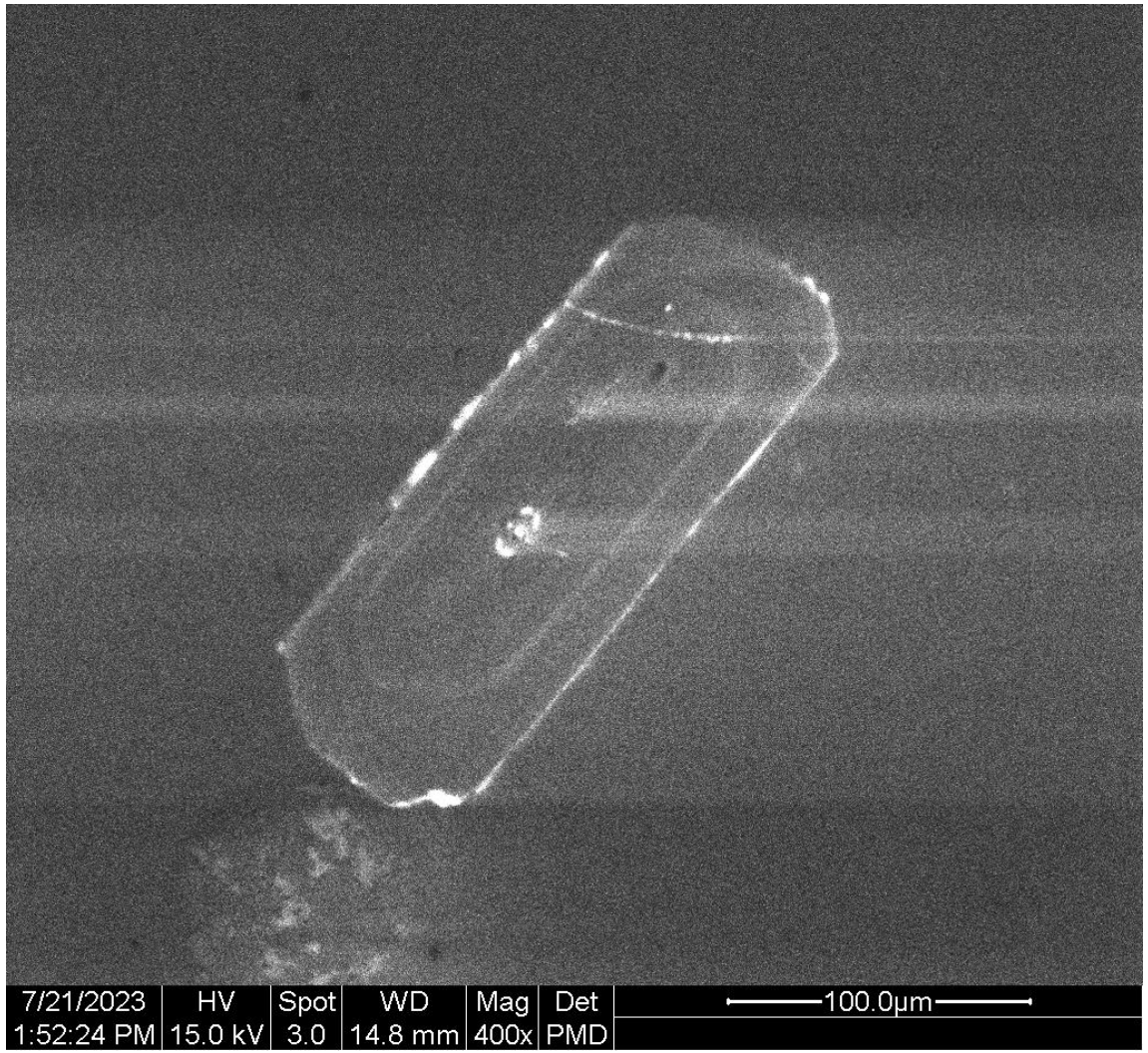
CG22JD01m1-
CL_056.tif

NA



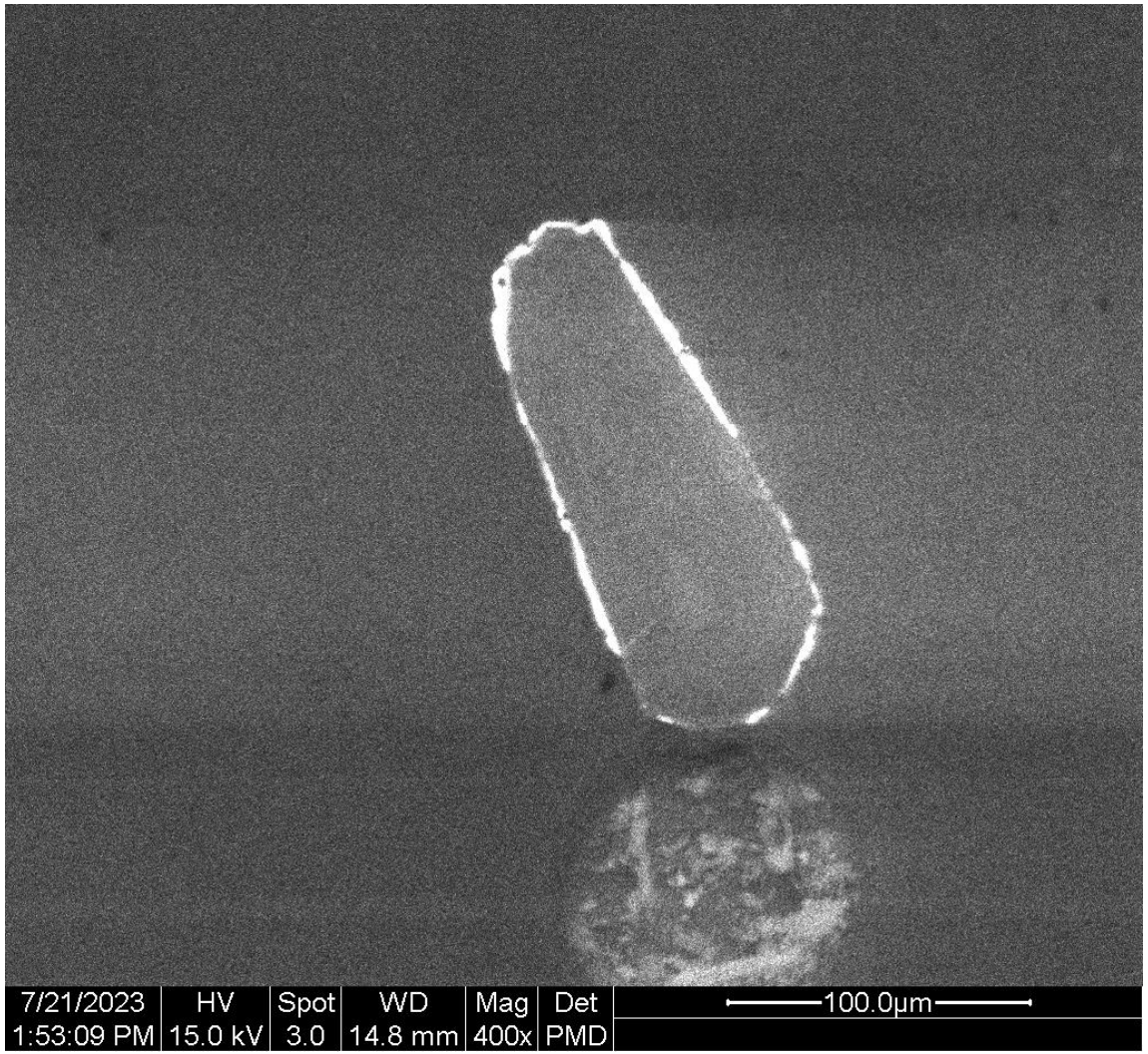
CG22JD01m1-
CL_057.tif

NA



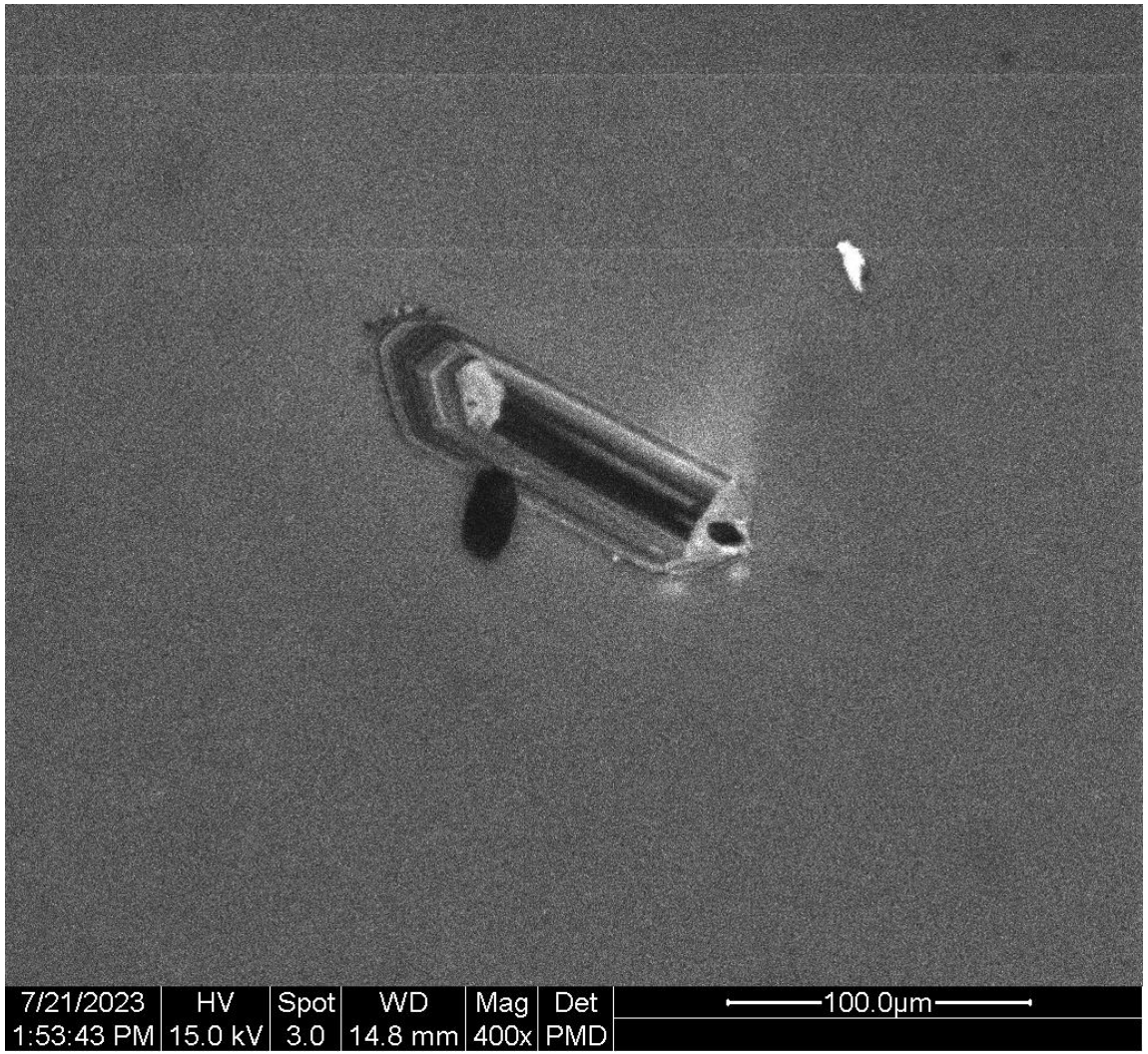
CG22JD01m1-
CL_058.tif

NA



CG22JD01m1-
CL_059.tif

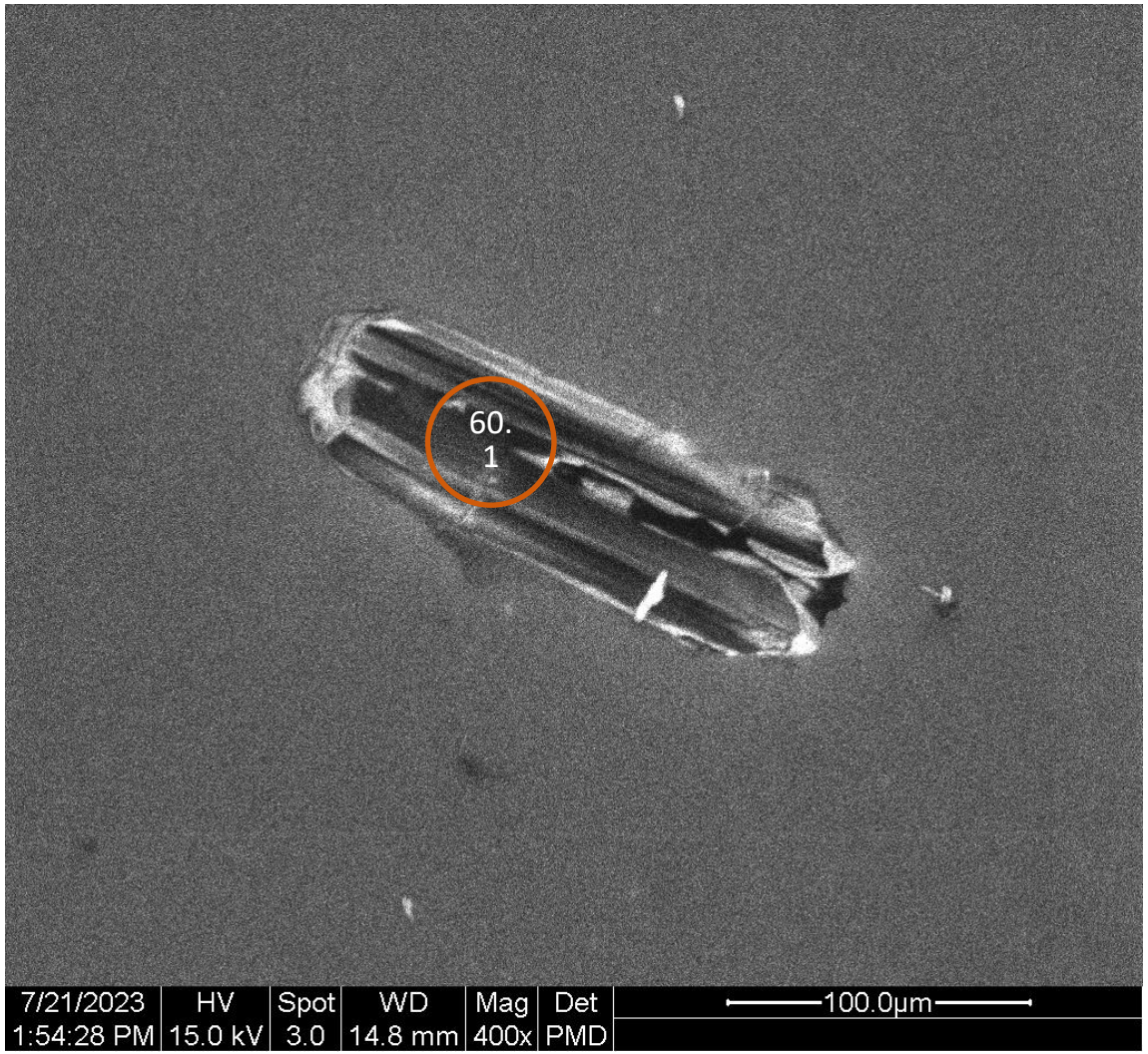
NA



CG22JD01m1-
CL_060.tif

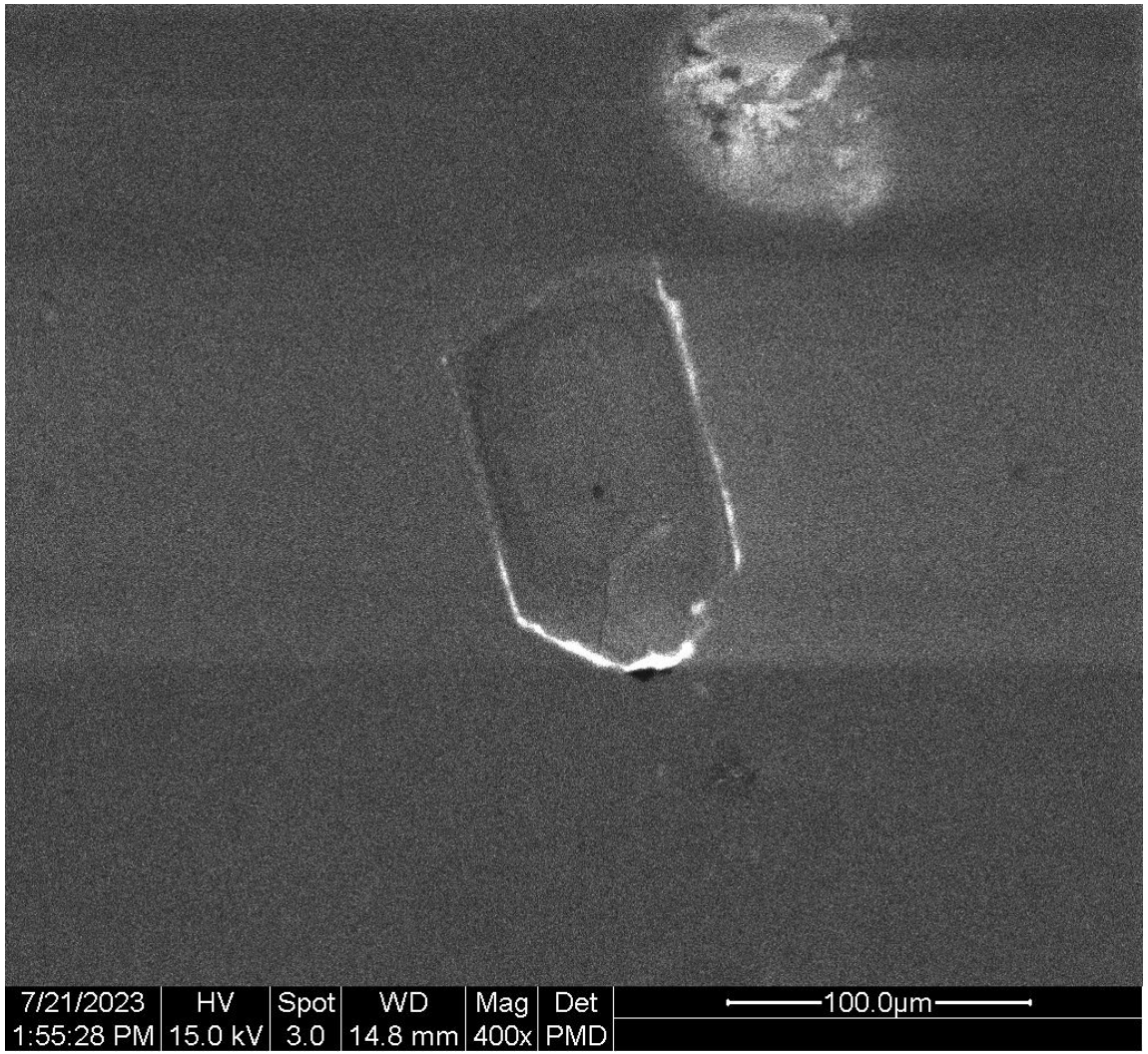
1 x U-Pb

60.1



CG22JD01m1-
CL_061.tif

NA



CG22JD01m1-
CL_062.tif

NA

