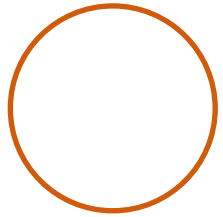
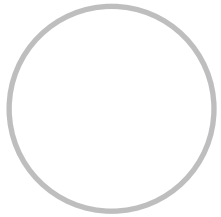
Emplacement spots (i.e., rim spots included in $^{206}Pb/^{238}U$ weighted mean age).



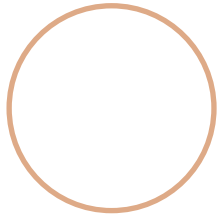
Antecrystic cores (i.e., core spots older and outwith the confidence interval of the weighted mean emplacement age)



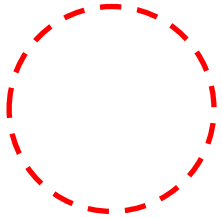
Probable Pb loss core spots (i.e., core spots falling younger than and within confidence interval of emplacement age)



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



Xenocrystic spots (i.e., spots older than 425 Ma)



Potential trace element spots for future analysis

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

Spot colours correlate to cores, rims, xenocrysts and rejected spots on the associated CR-06 concordia and weighted mean plot (Figure 4.3 in text)

CG23CR06-CL_001.tif

2x U-Pb

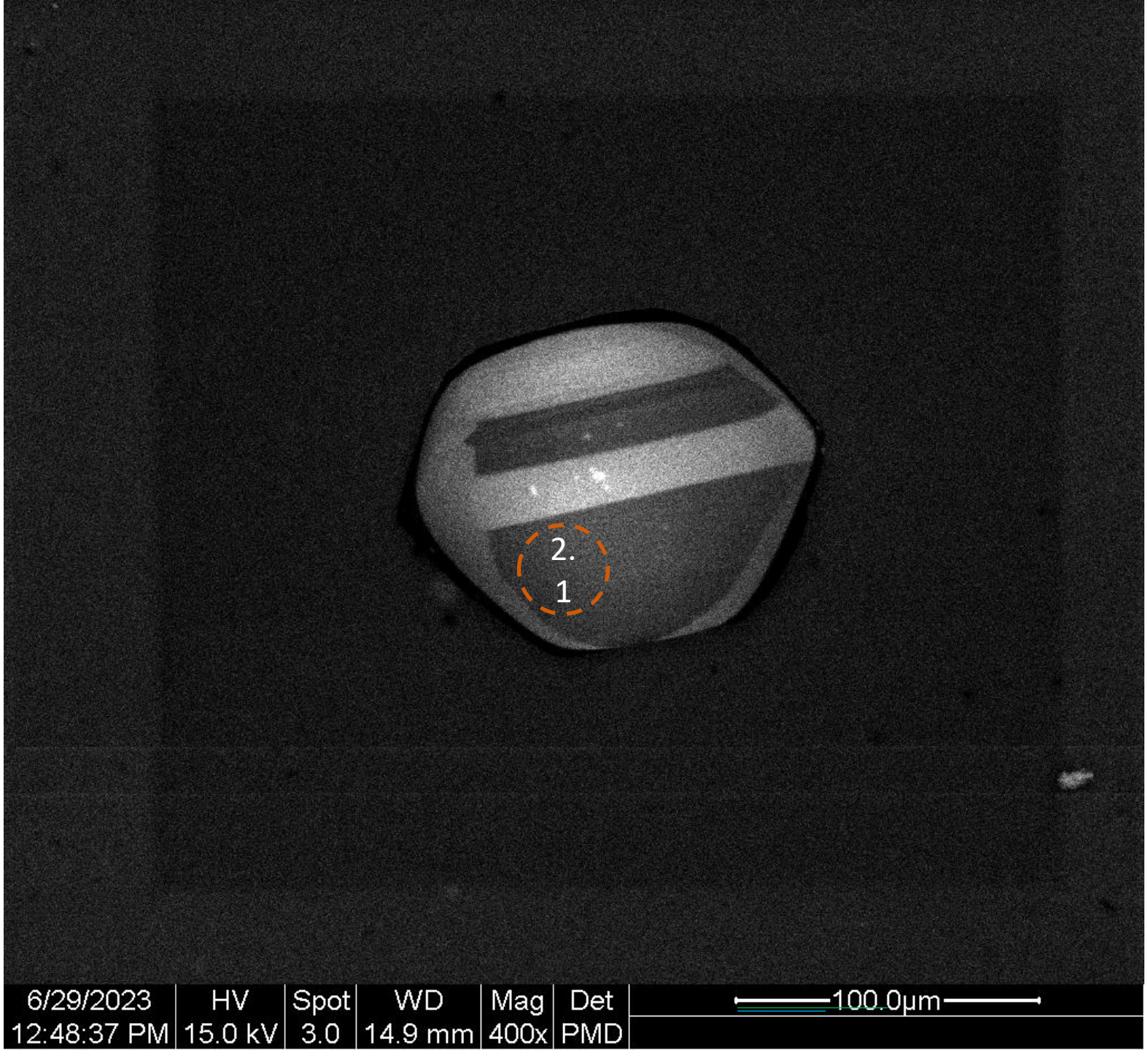
1.1, 1.2



CG23CR06-CL_002.tif

1x U-Pb

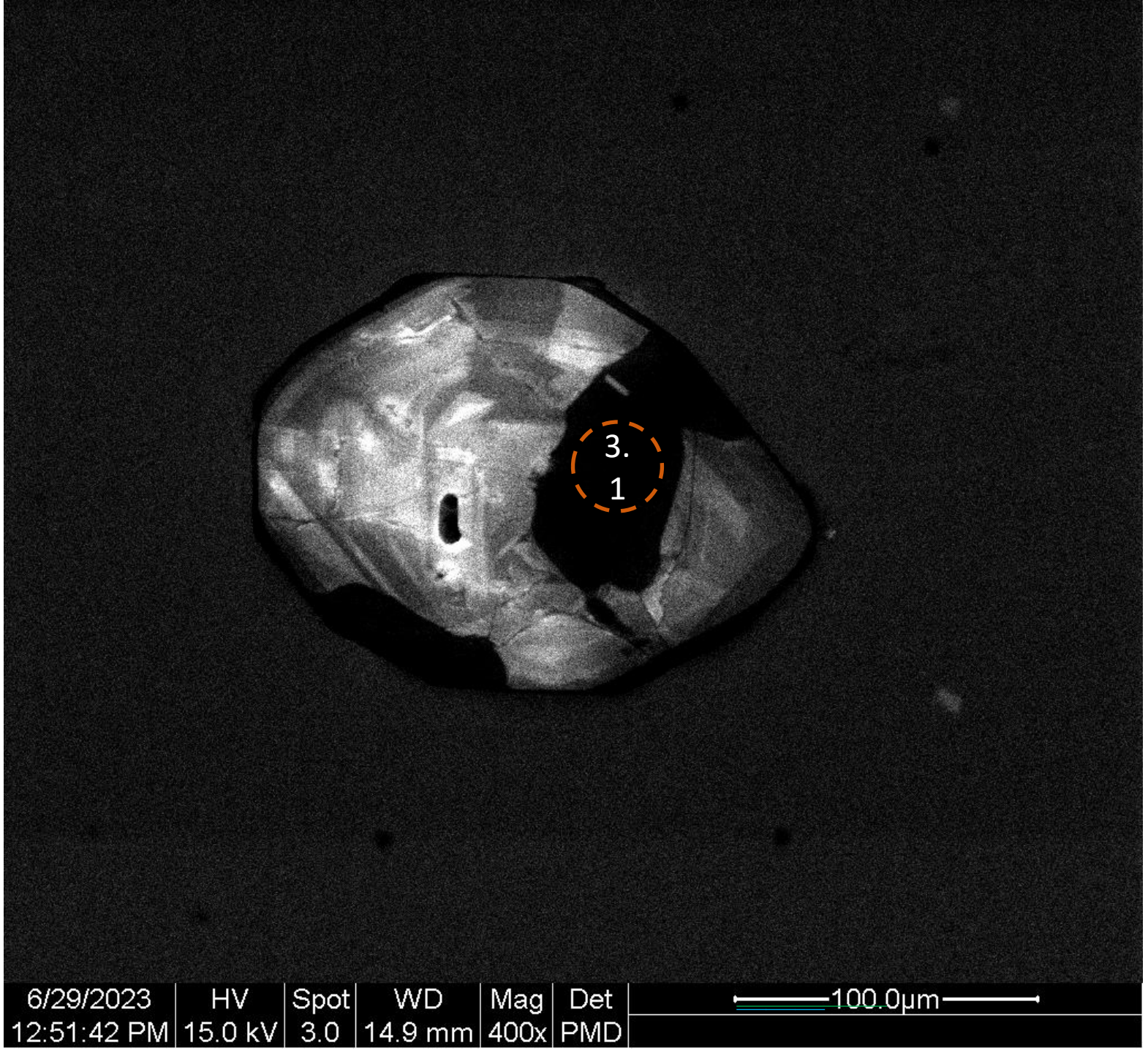
2.1



CG23CR06-CL_003.tif

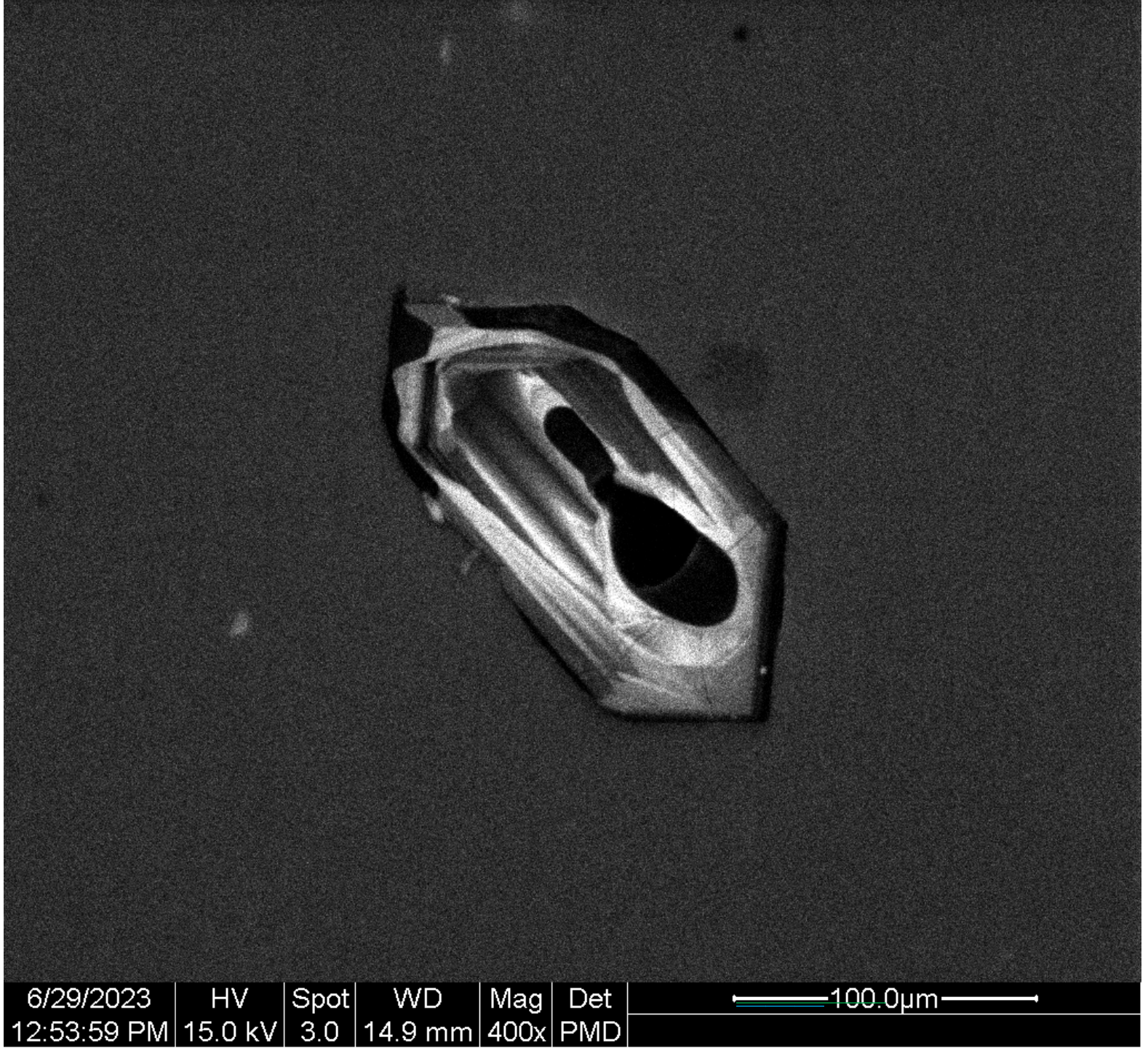
1x U-Pb

3.1



CG23CR06-CL_004.tif

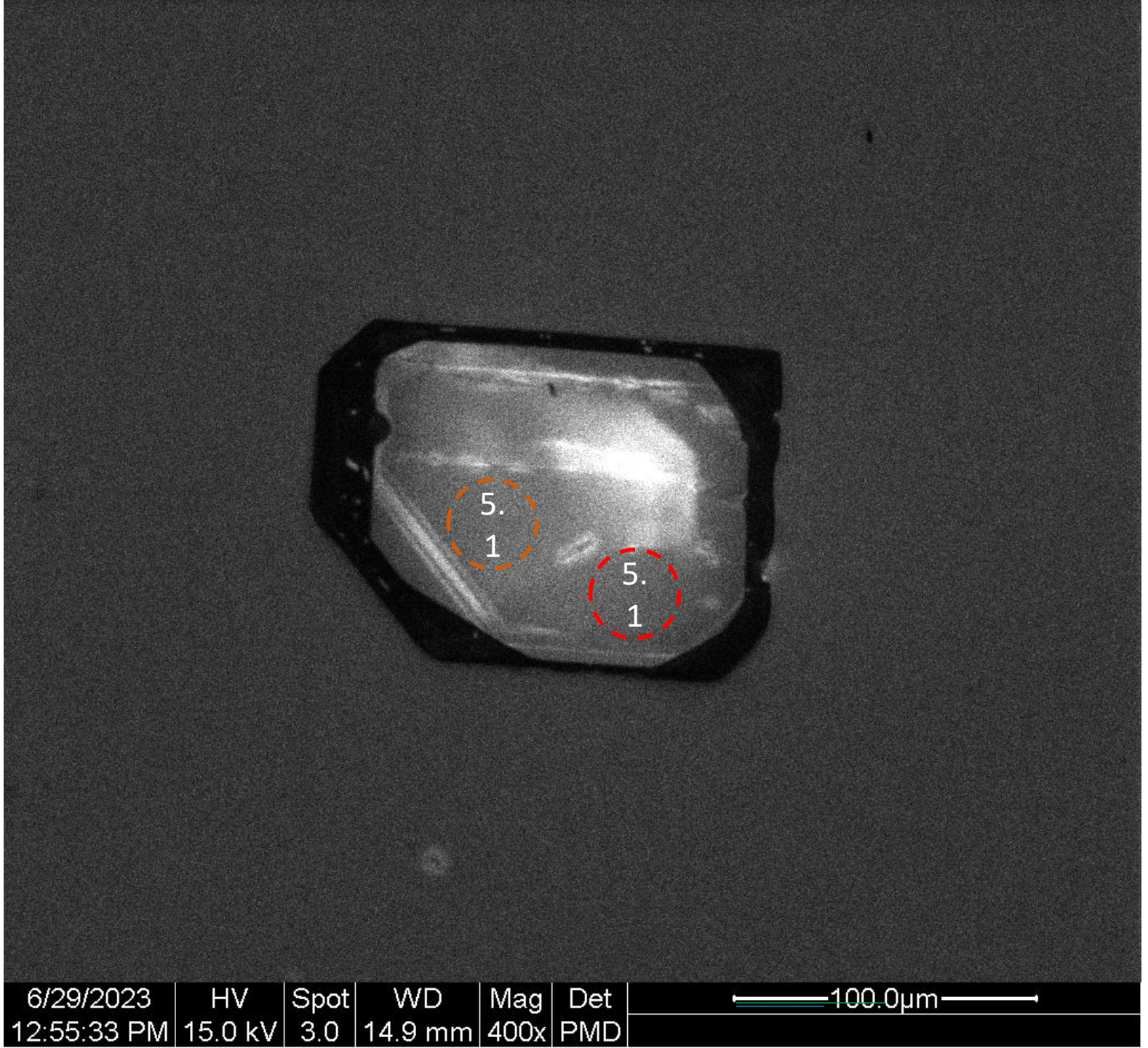
No analysis. Hole in centre/too many small zones/overlapping of zones/alteration.



CG23CR06-CL_005.tif

1x U-Pb

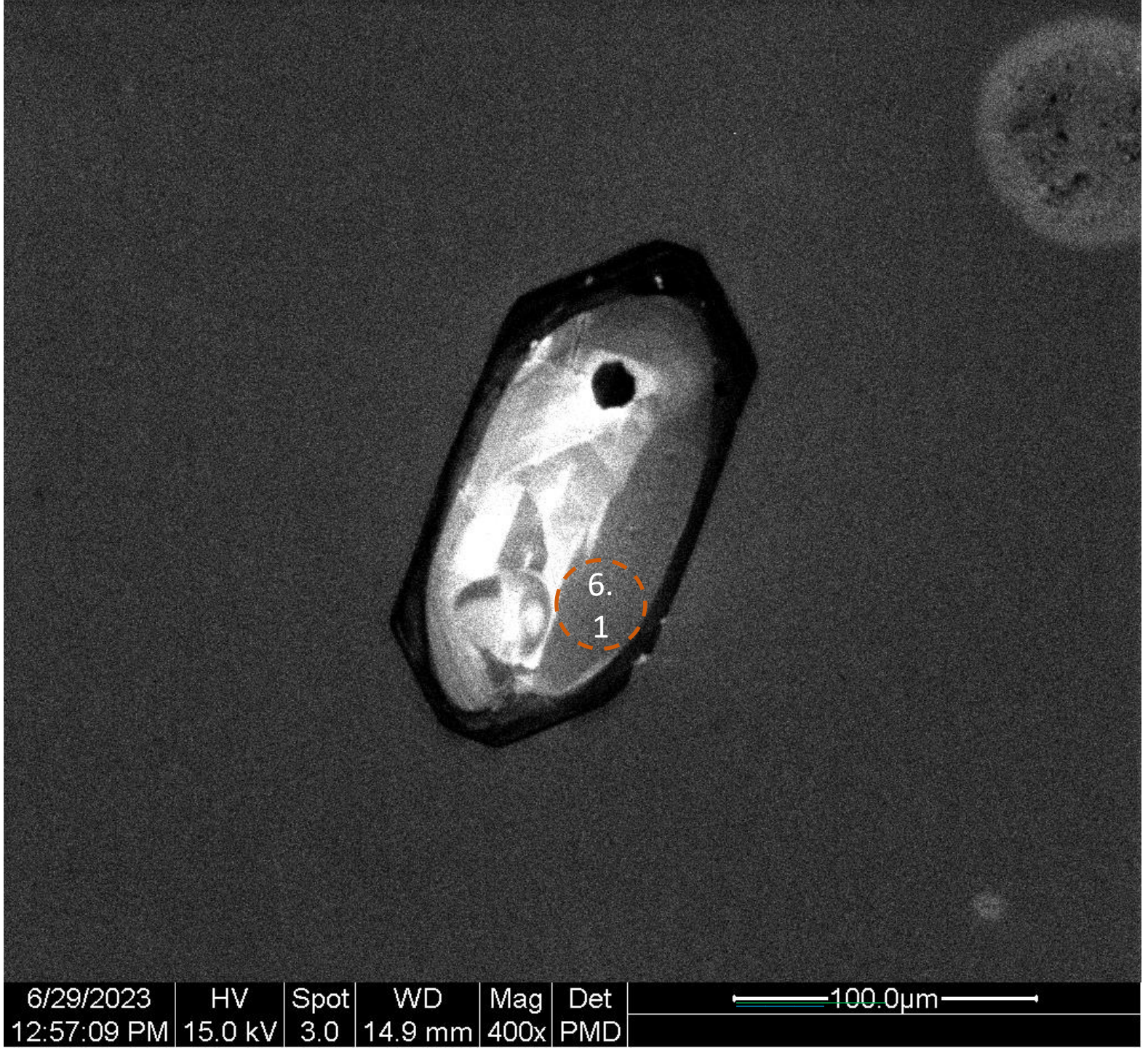
5.1



CG23CR06-CL_006.tif

1x U-Pb

6.1

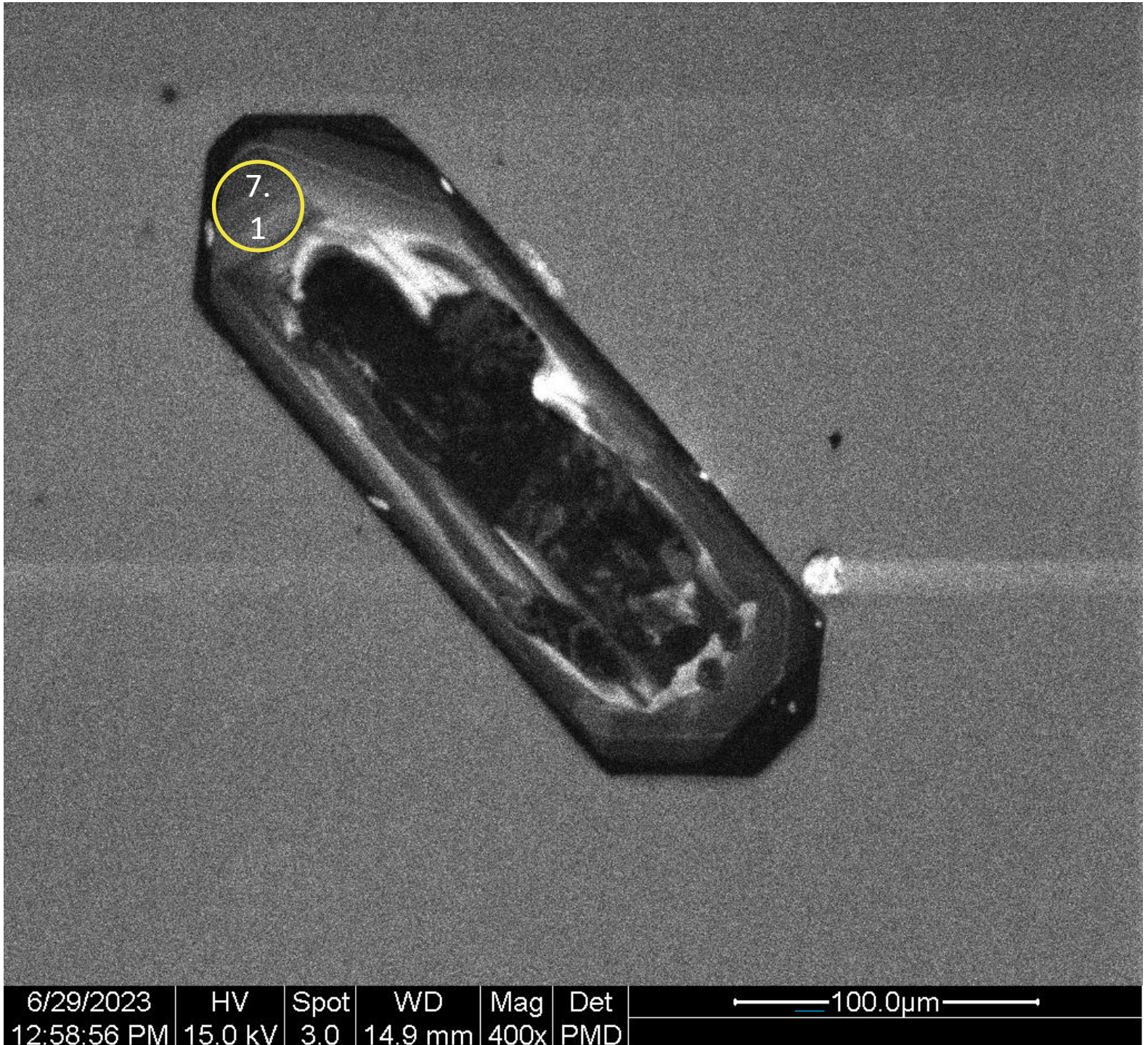


CG23CR06-CL_007.tif

1x U-Pb

7.1

Limited no. of spots due to small zones/cross-cutting of zones/alteration.

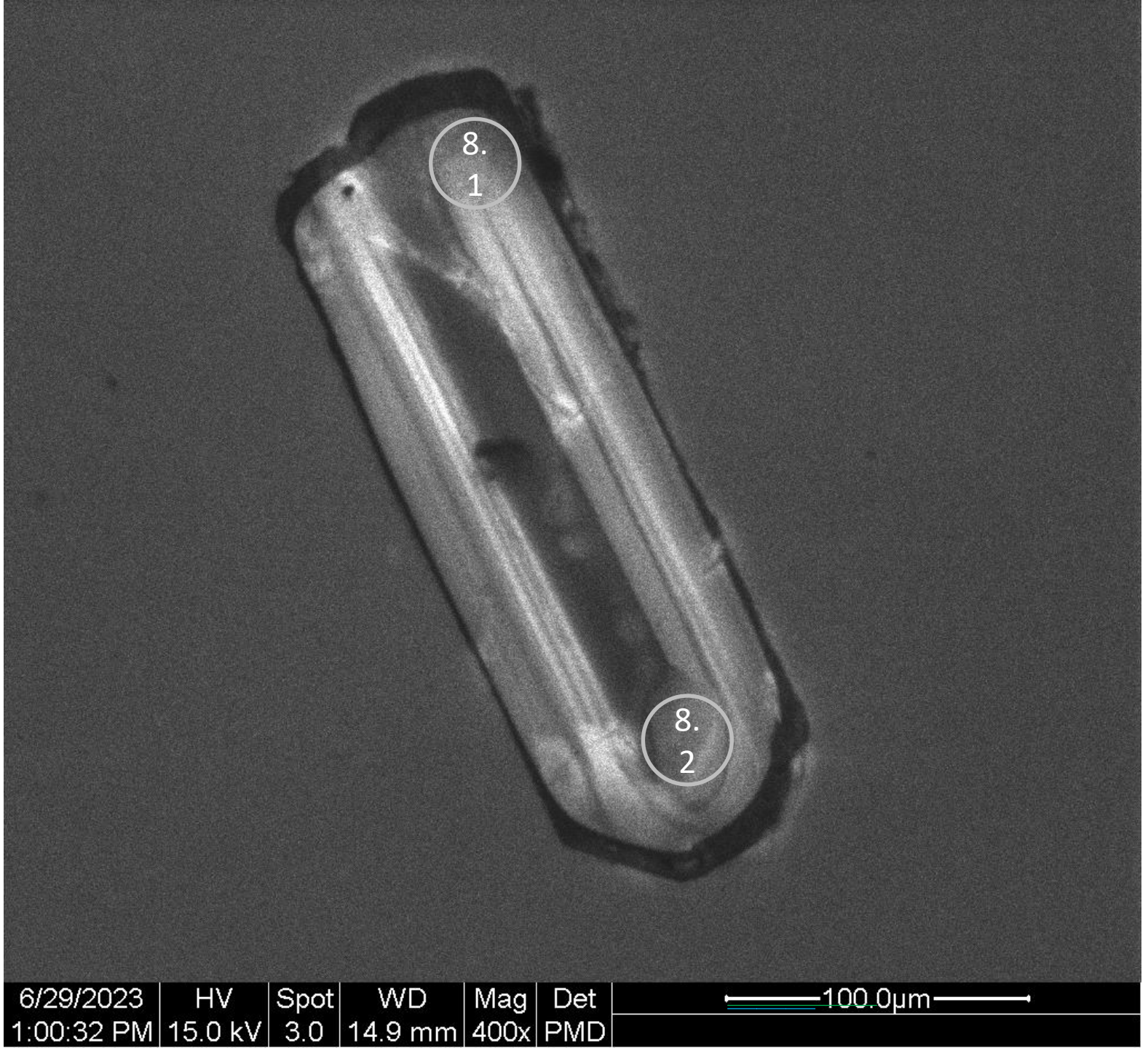


CG23CR06-CL_008.tif

2x U-Pb

8.1, 8.2

Limited no. of spots due to small dark vs bright zones/fractures.



CG23CR06-CL_009.tif

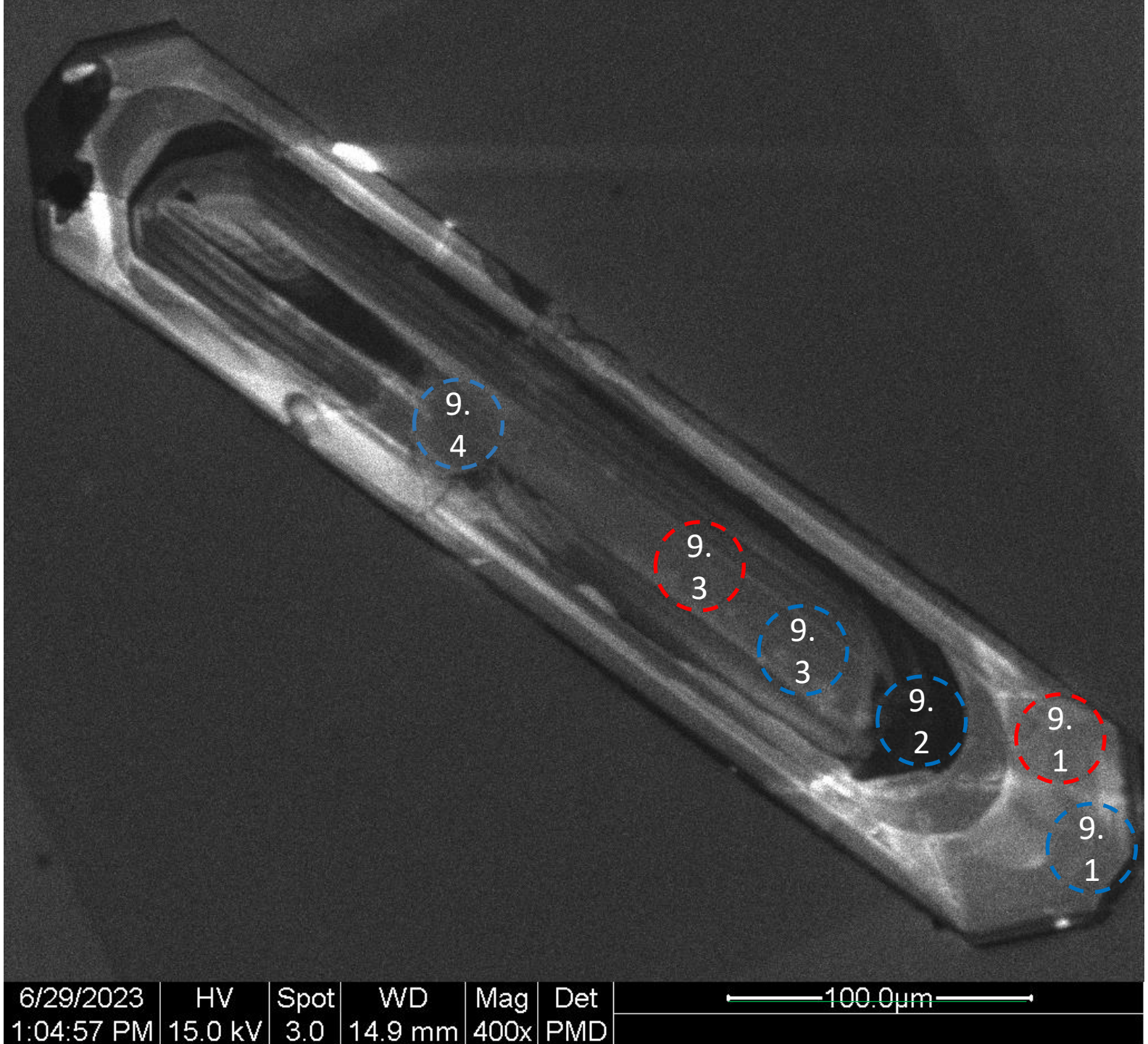
4 x future U-Pb spots **(blue)**

9.1, 9.2, 9.3, 9.4

2 x future TE spots

9.1, 9.3

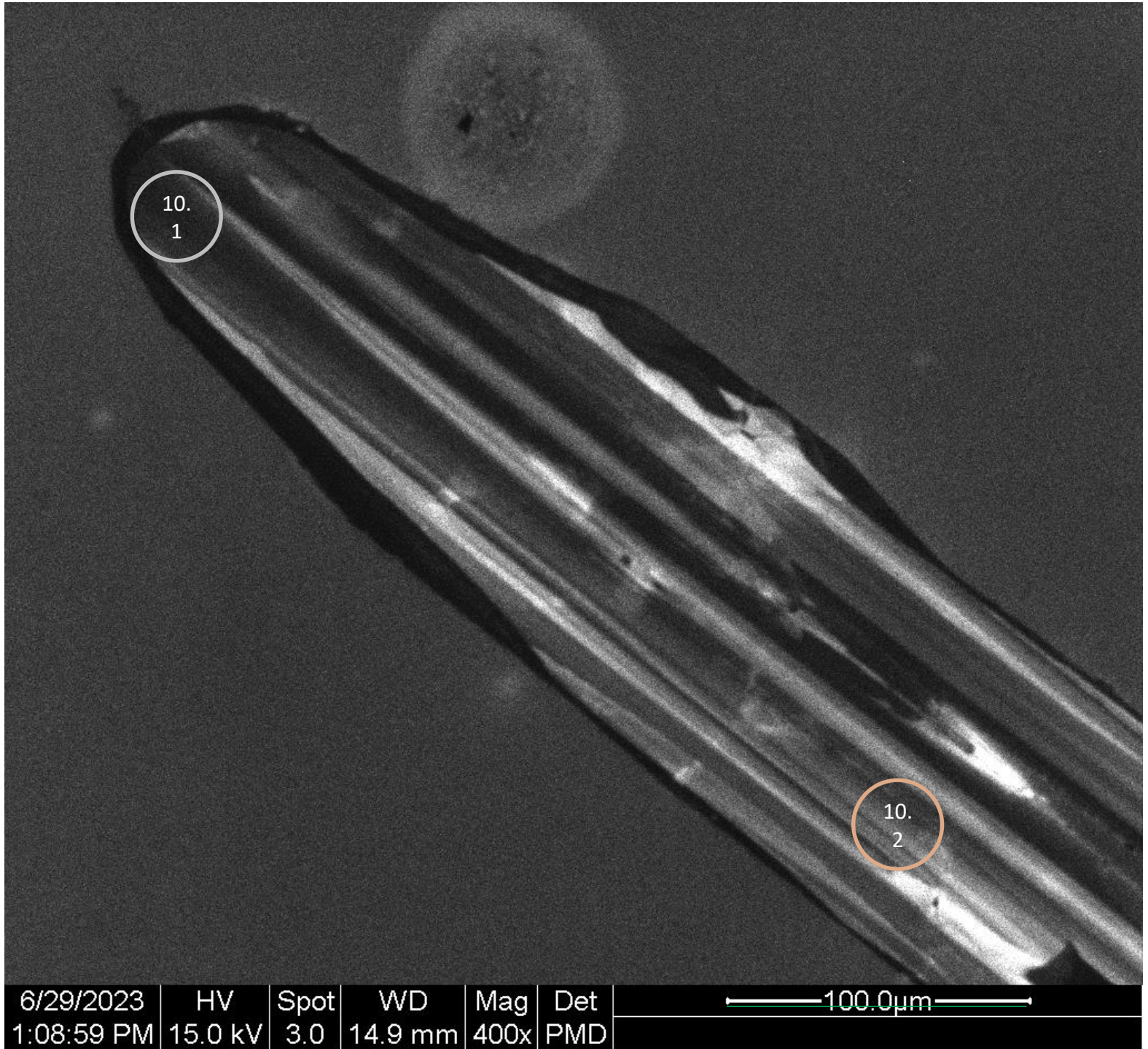
(not analysed in this study due to time constraints)



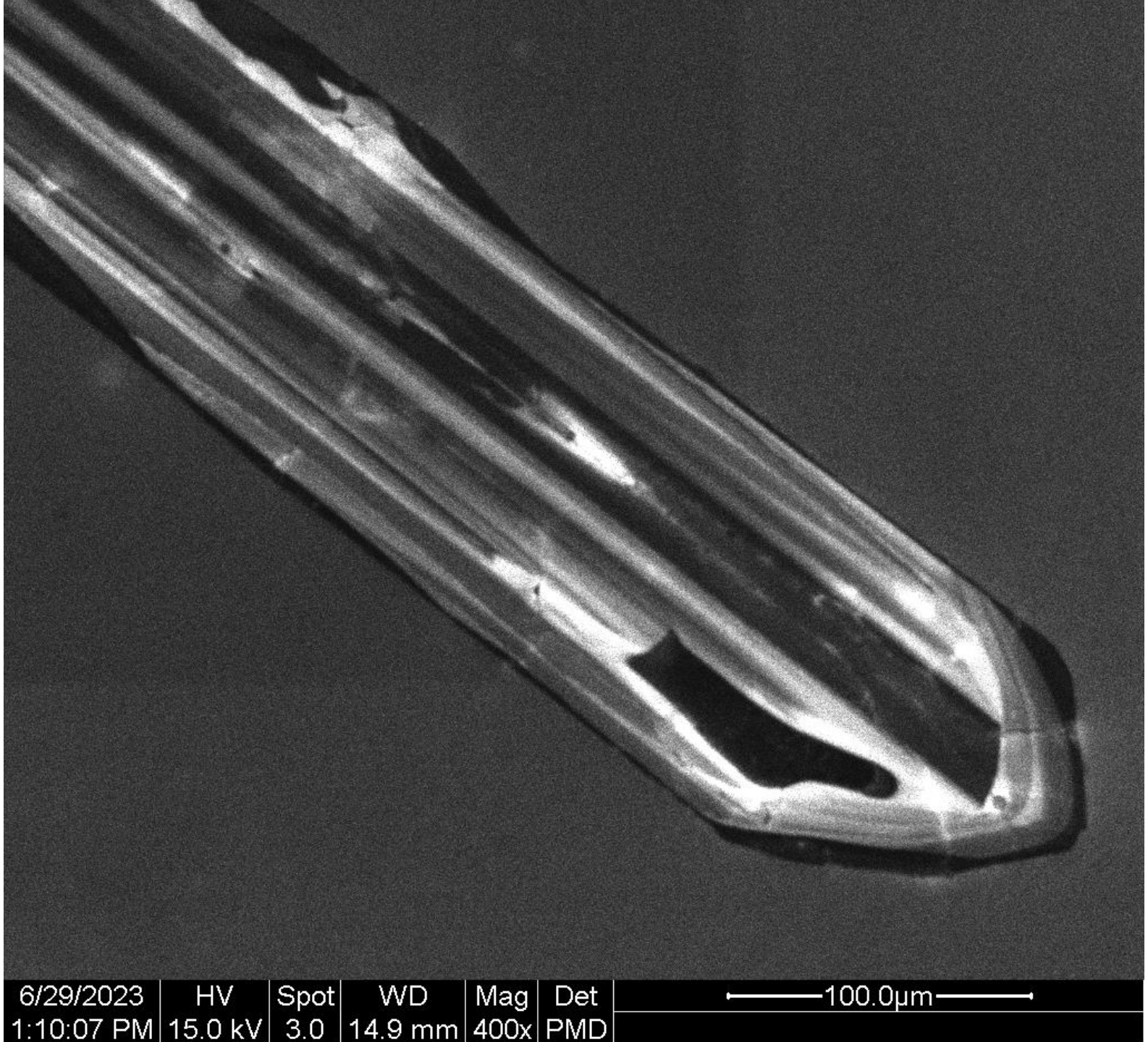
CG23CR06-CL_010a.tif

2x U-Pb

10.1, 10.2



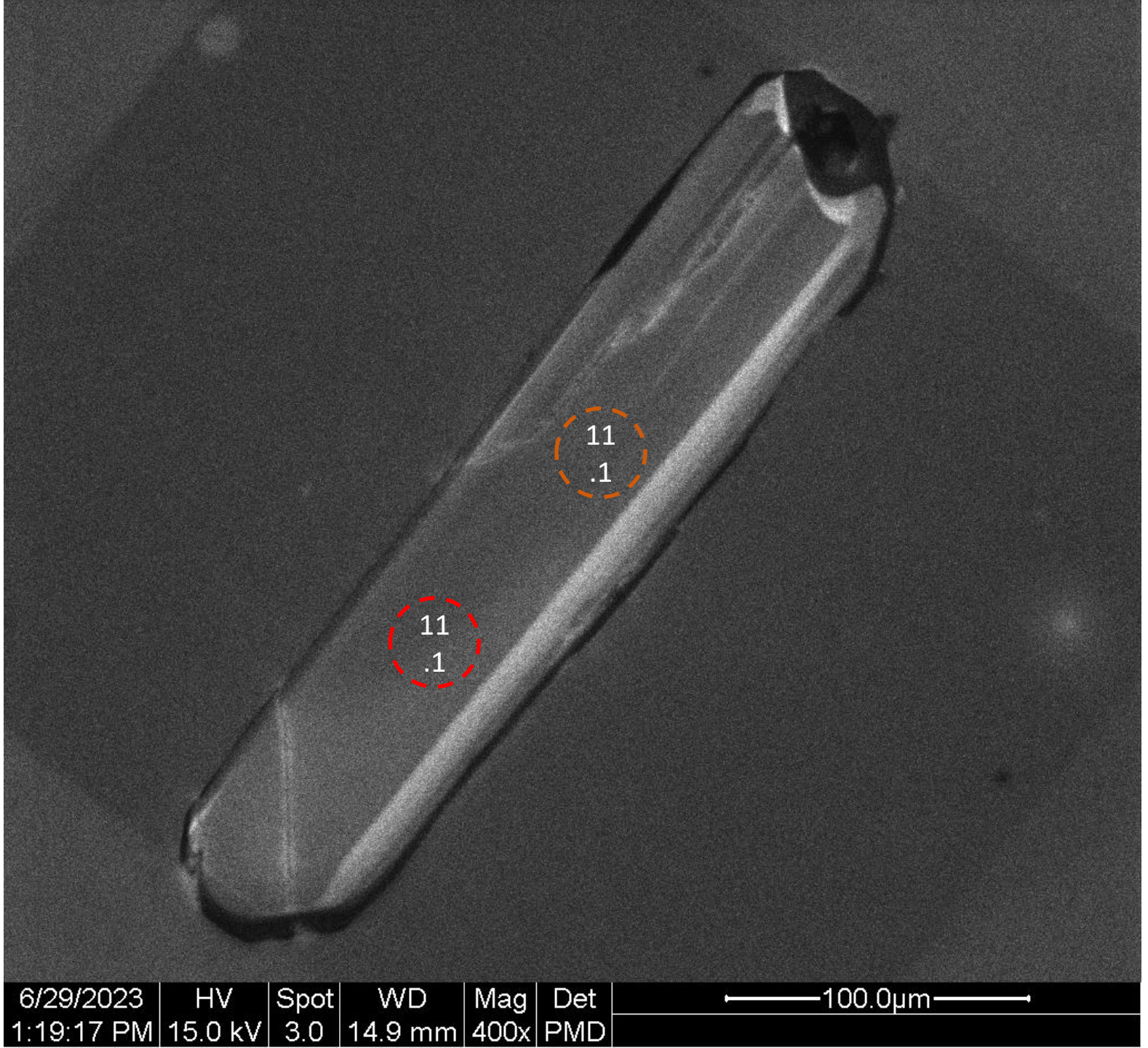
CG23CR06-CL_010b.tif



CG23CR06-CL_011.tif

1x U-Pb

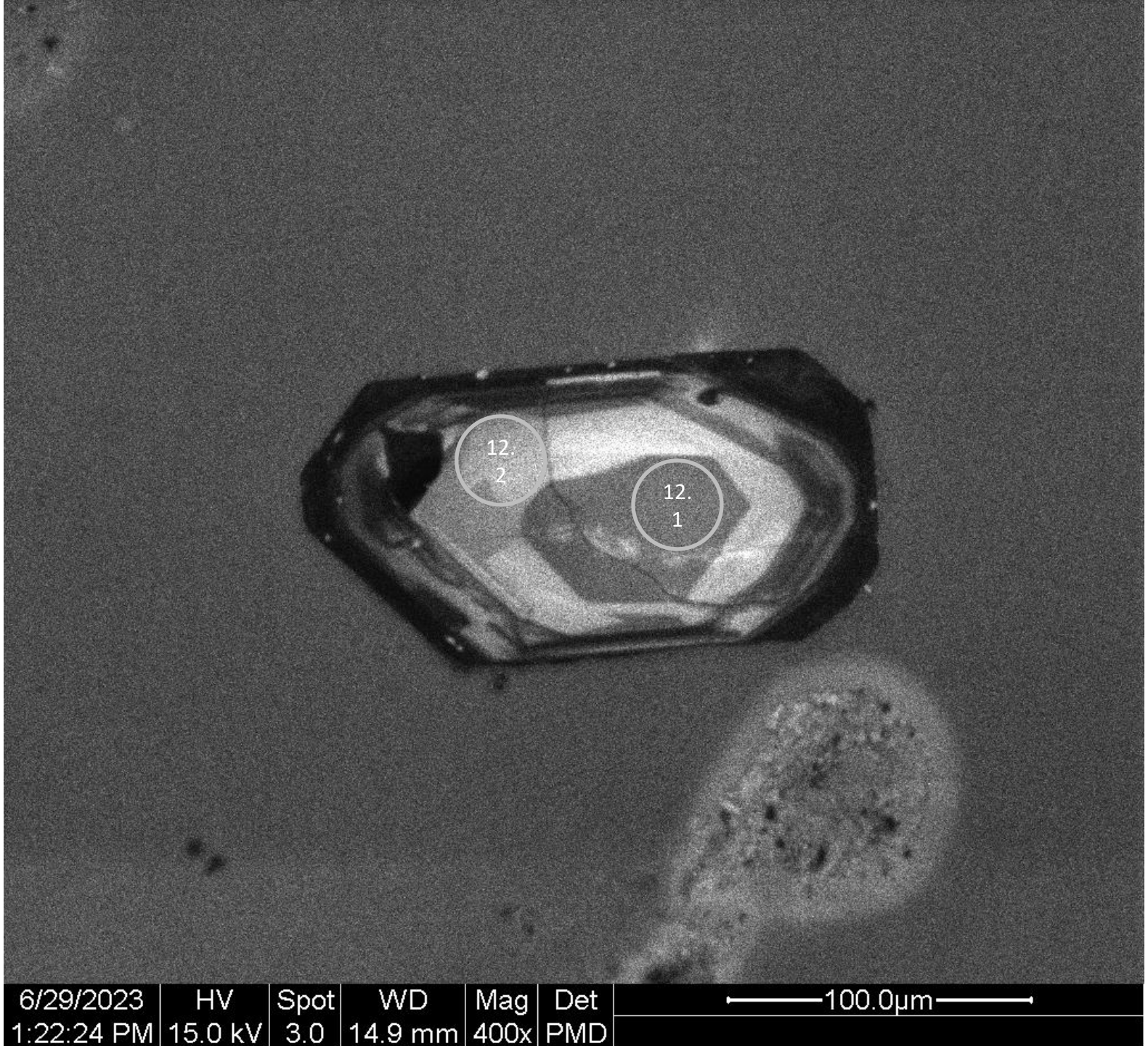
11.1



CG23CR06-CL_012.tif

2x U-Pb

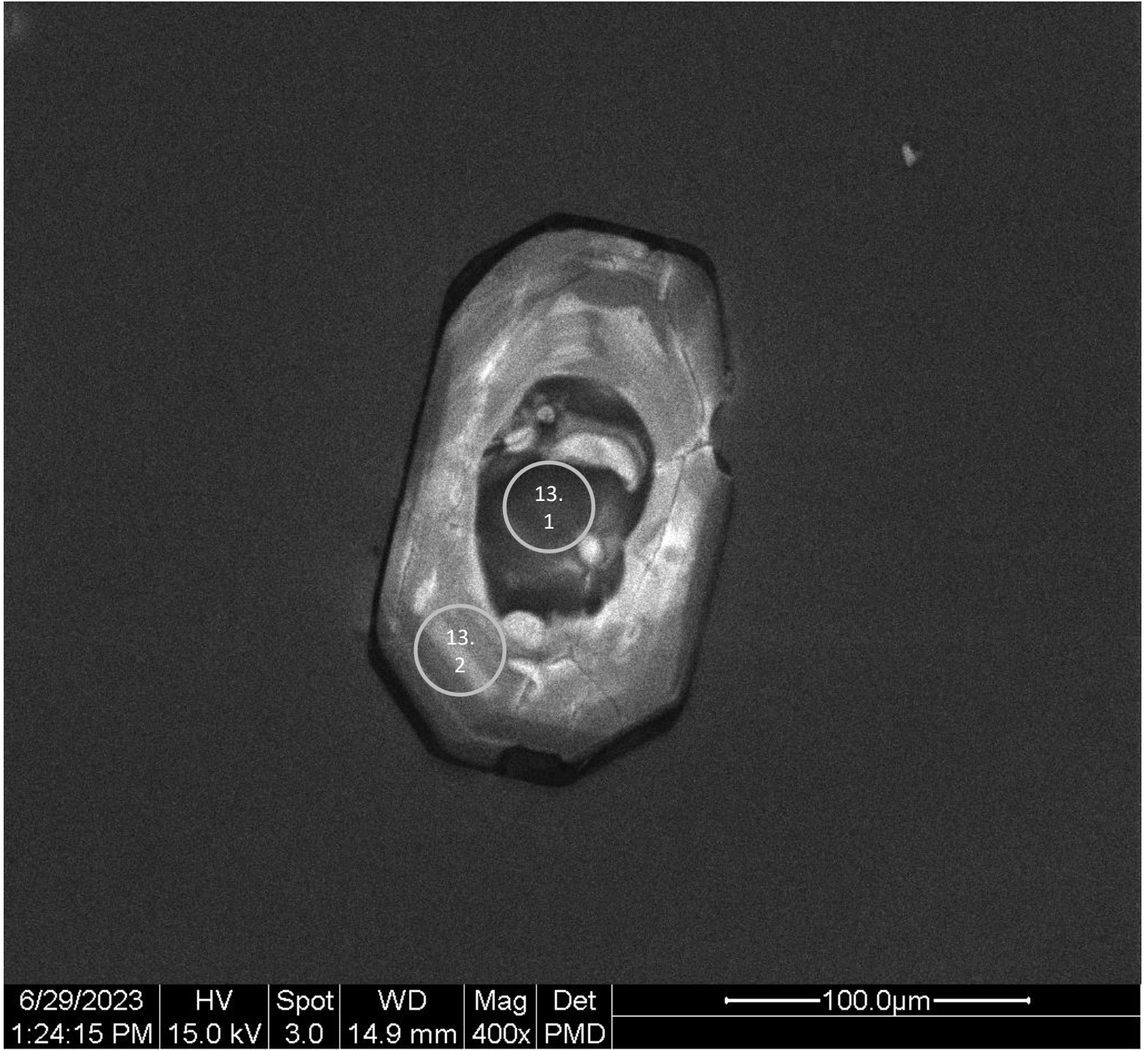
12.1, 12.2



CG23CR06-CL_013.tif

2x U-Pb

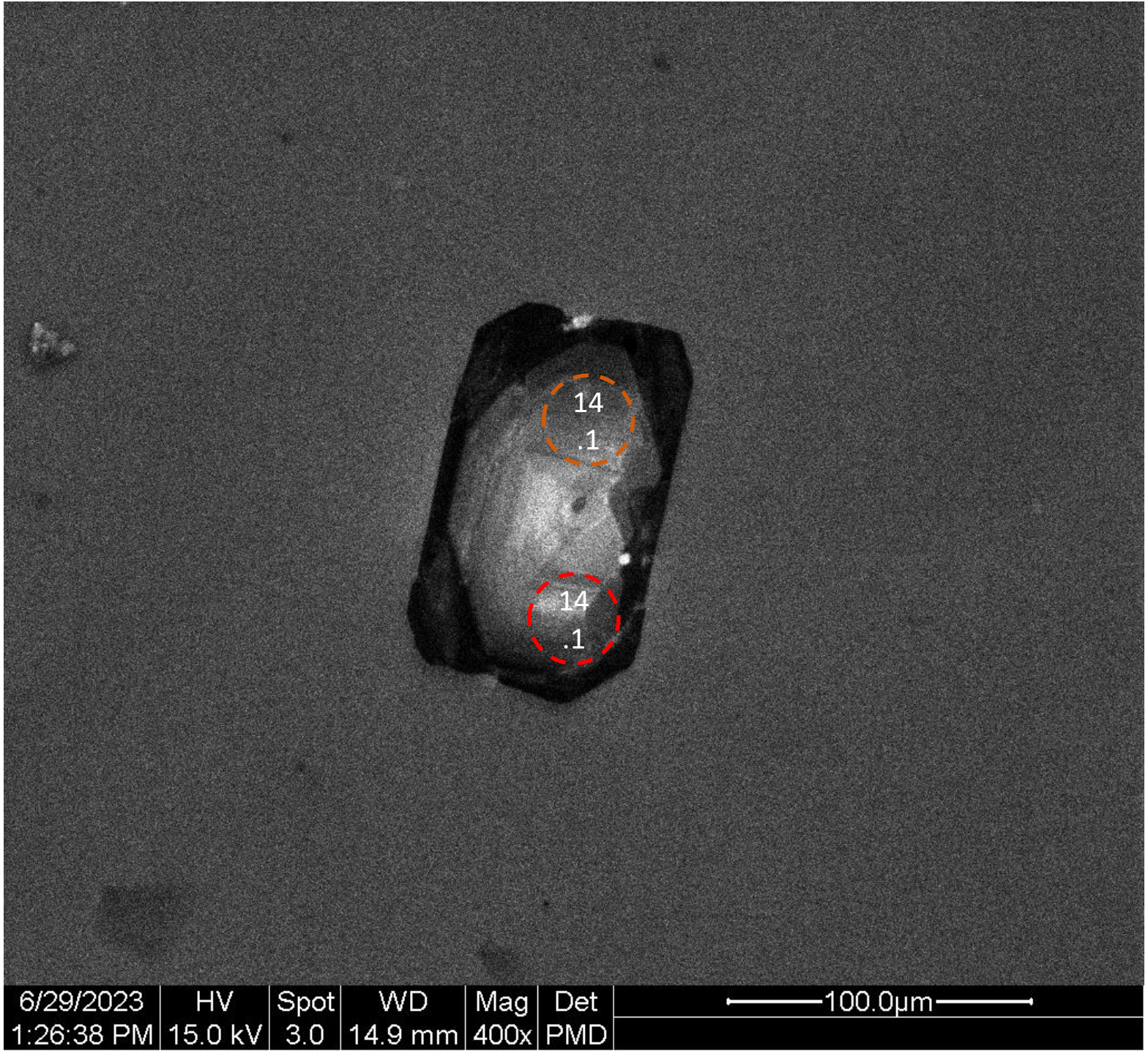
13.1, 13.2



CG23CR06-CL_014.tif

1x U-Pb

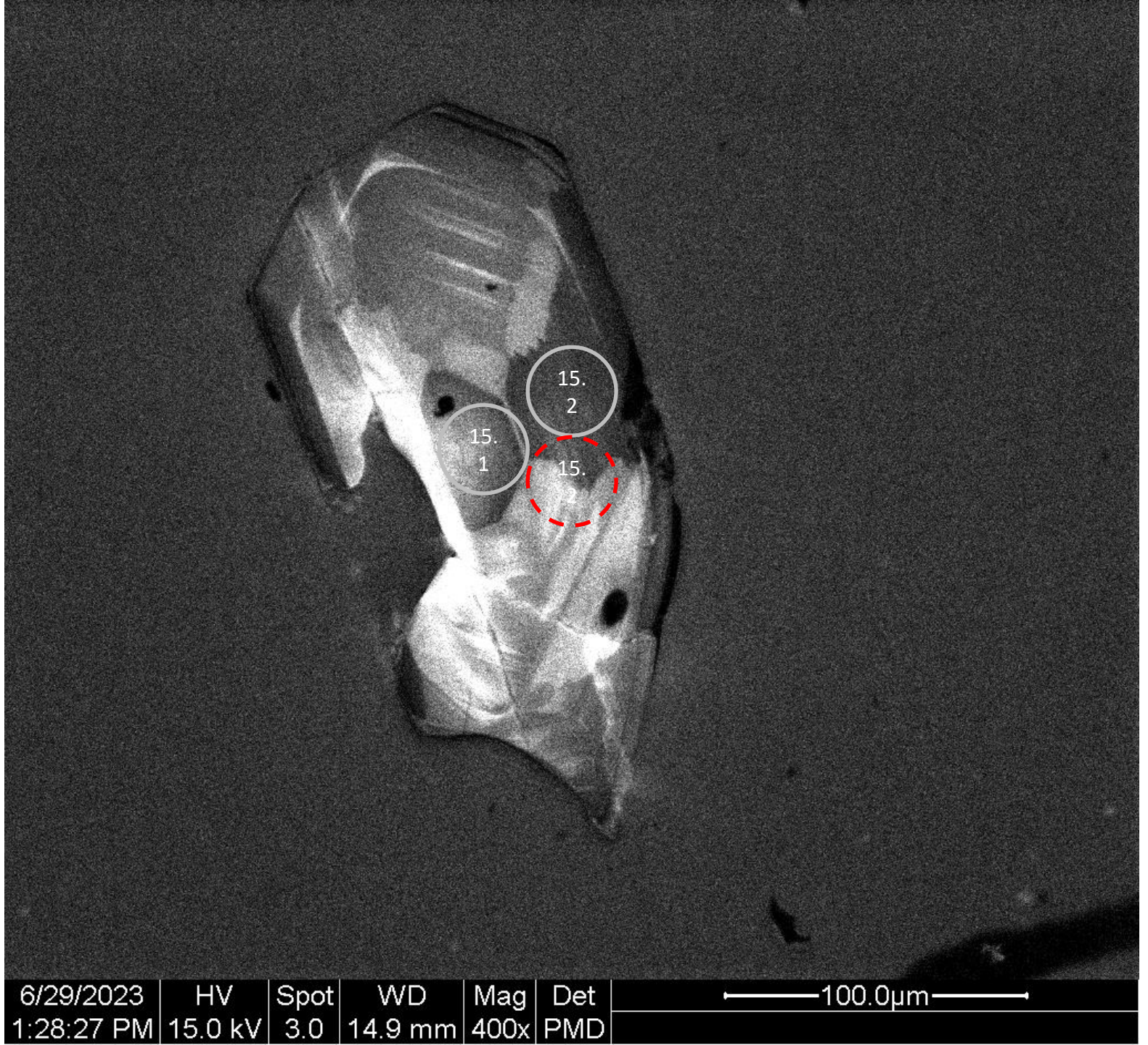
14.1



CG23CR06-CL_015.tif

2x U-Pb

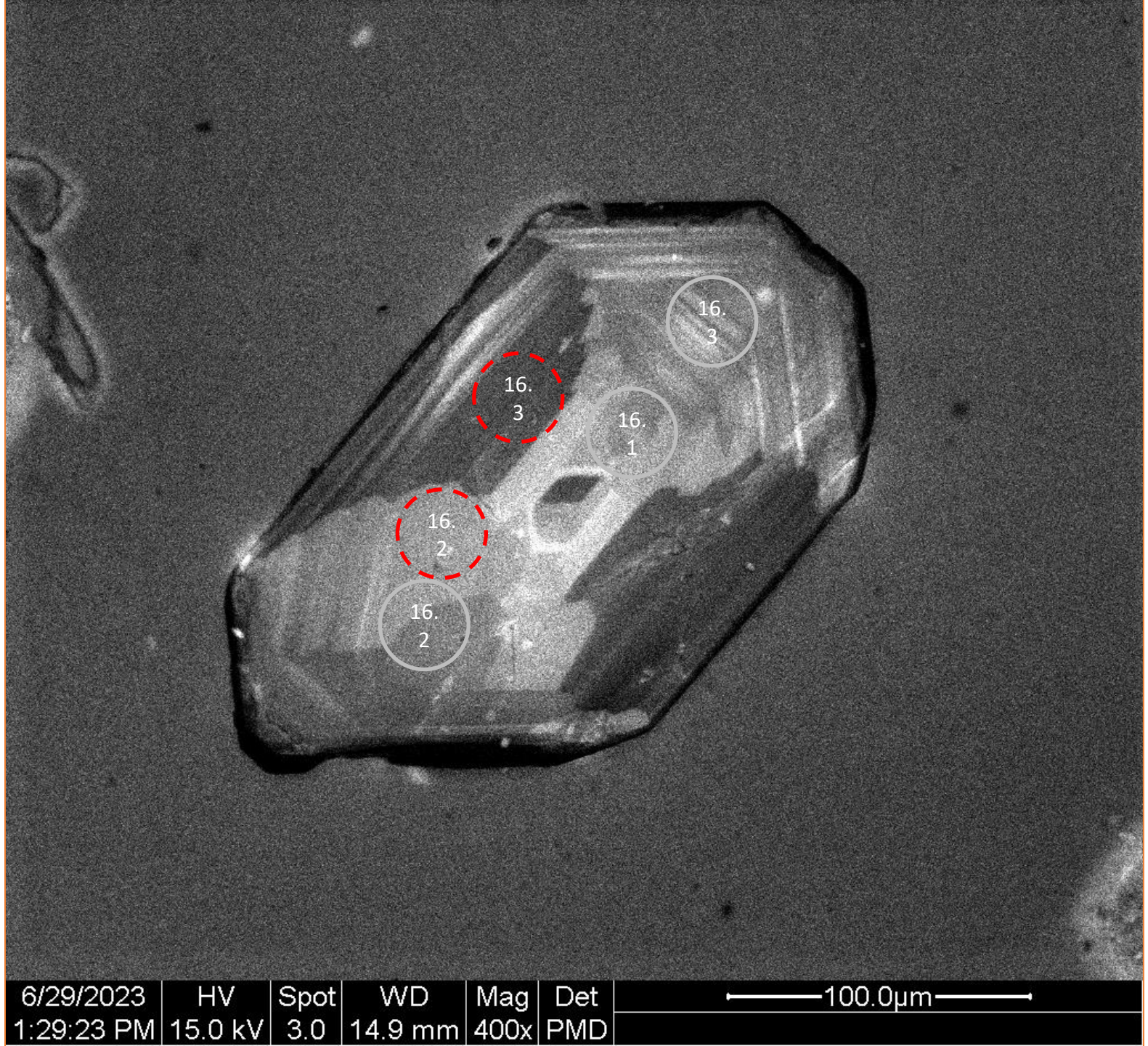
15.1, 15.2



CG23CR06-CL_016.tif

3x U-Pb

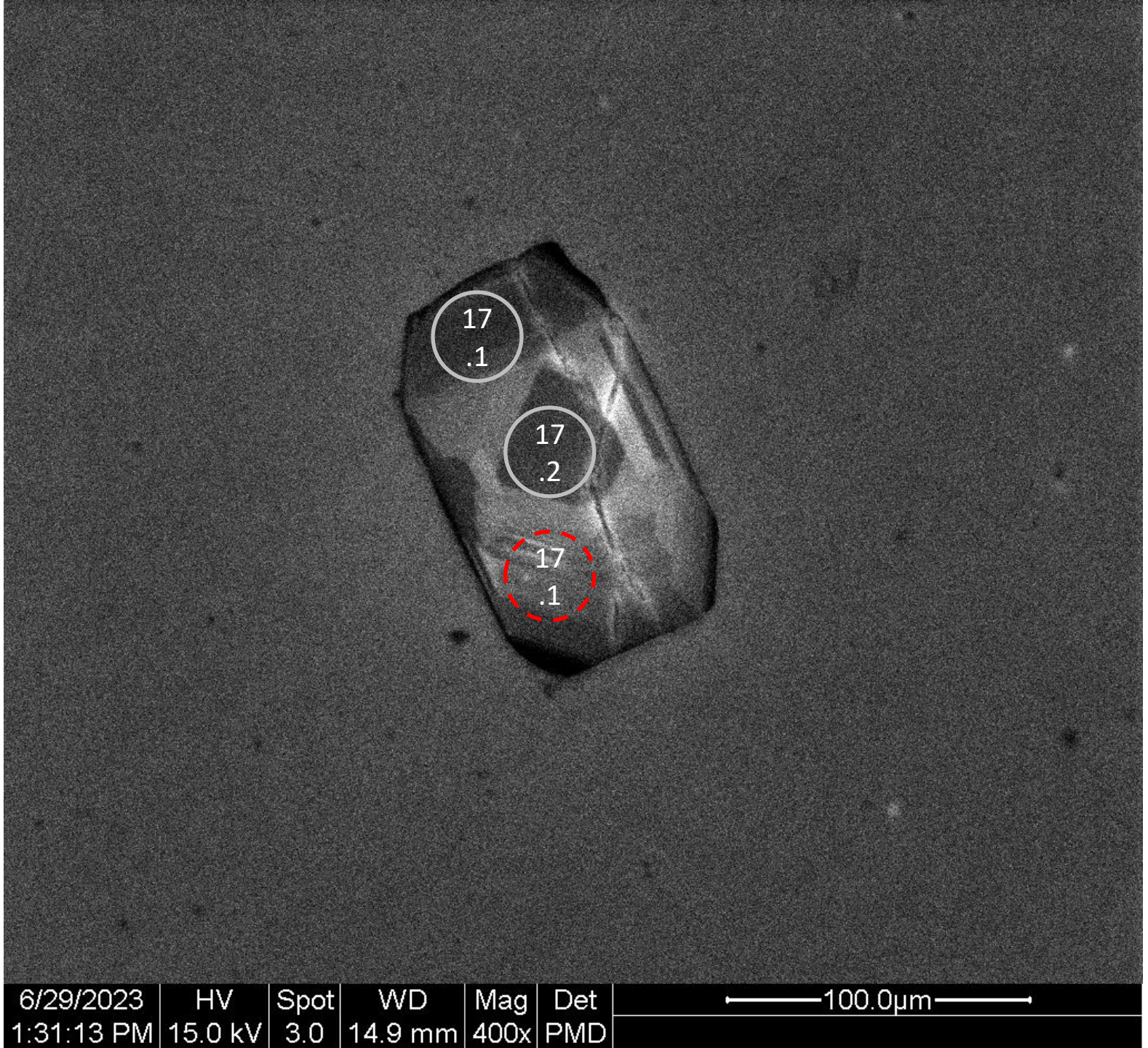
16.1, 16.2. 16.3



CG23CR06-CL_017.tif

2x U-Pb

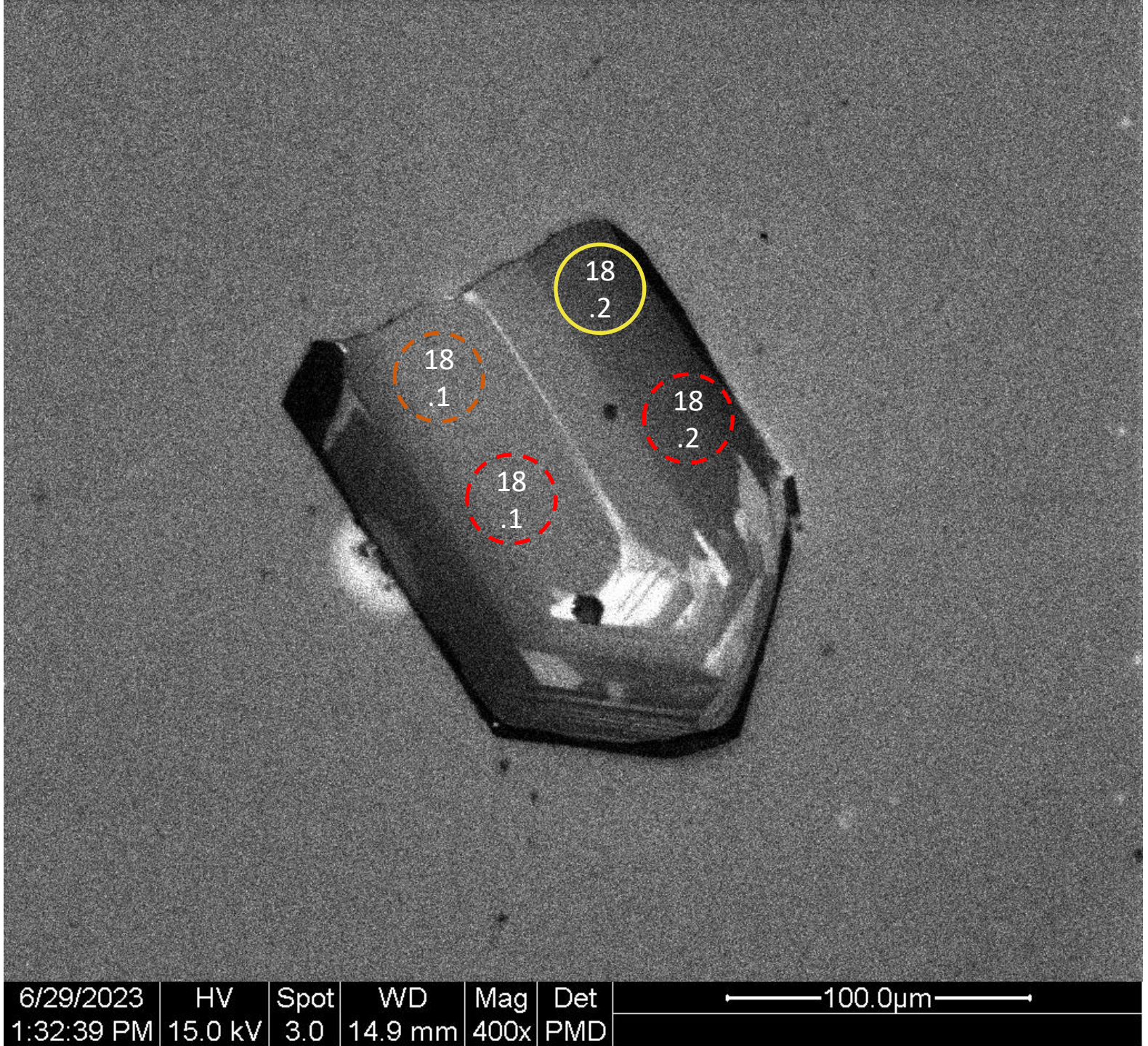
17.1, 17.2.



CG23CR06-CL_018.tif

2x U-Pb

18.1, 18.2



CG23CR06-CL_019.tif

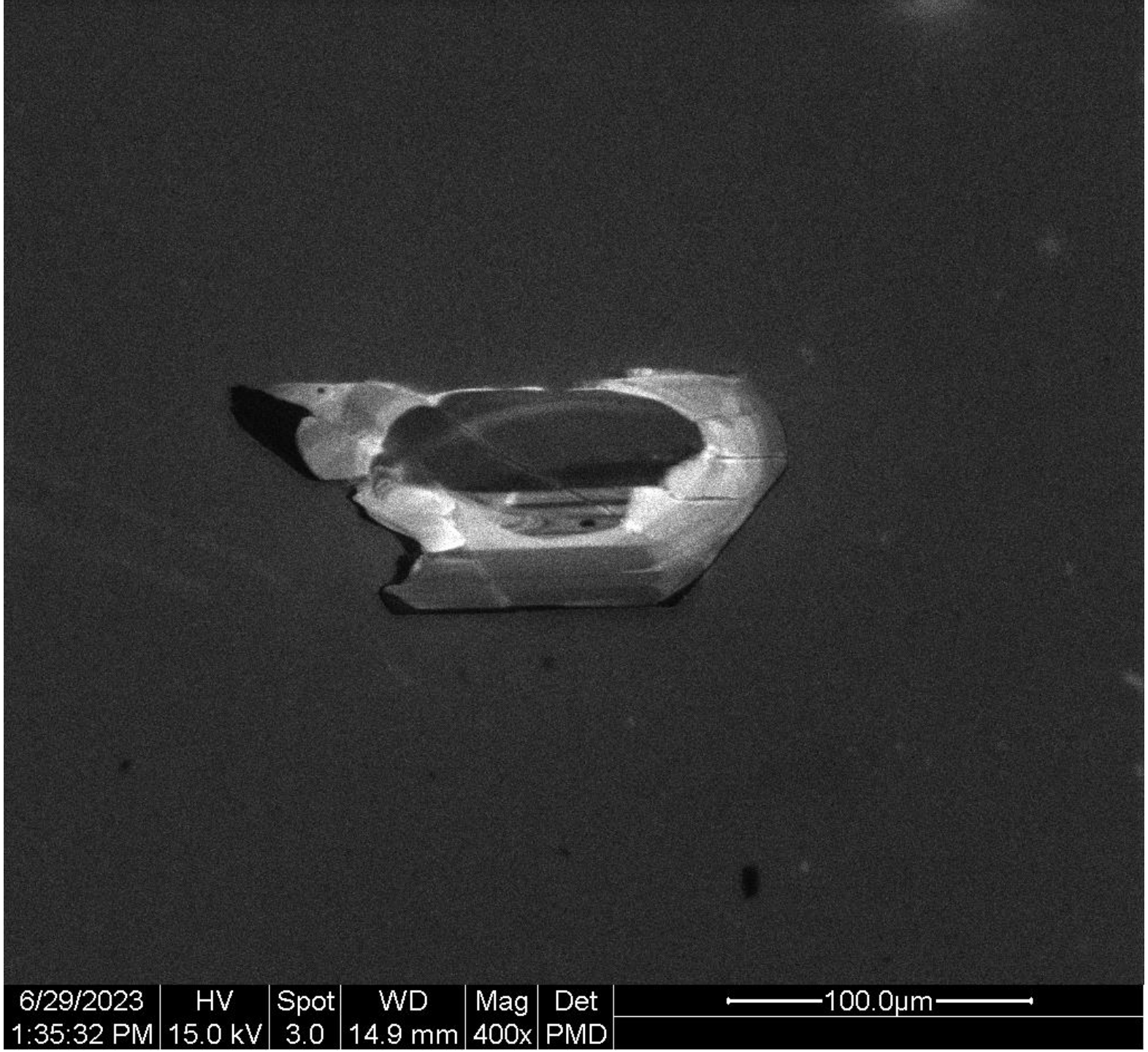
3x U-Pb

19.1, 19.2, 19.3



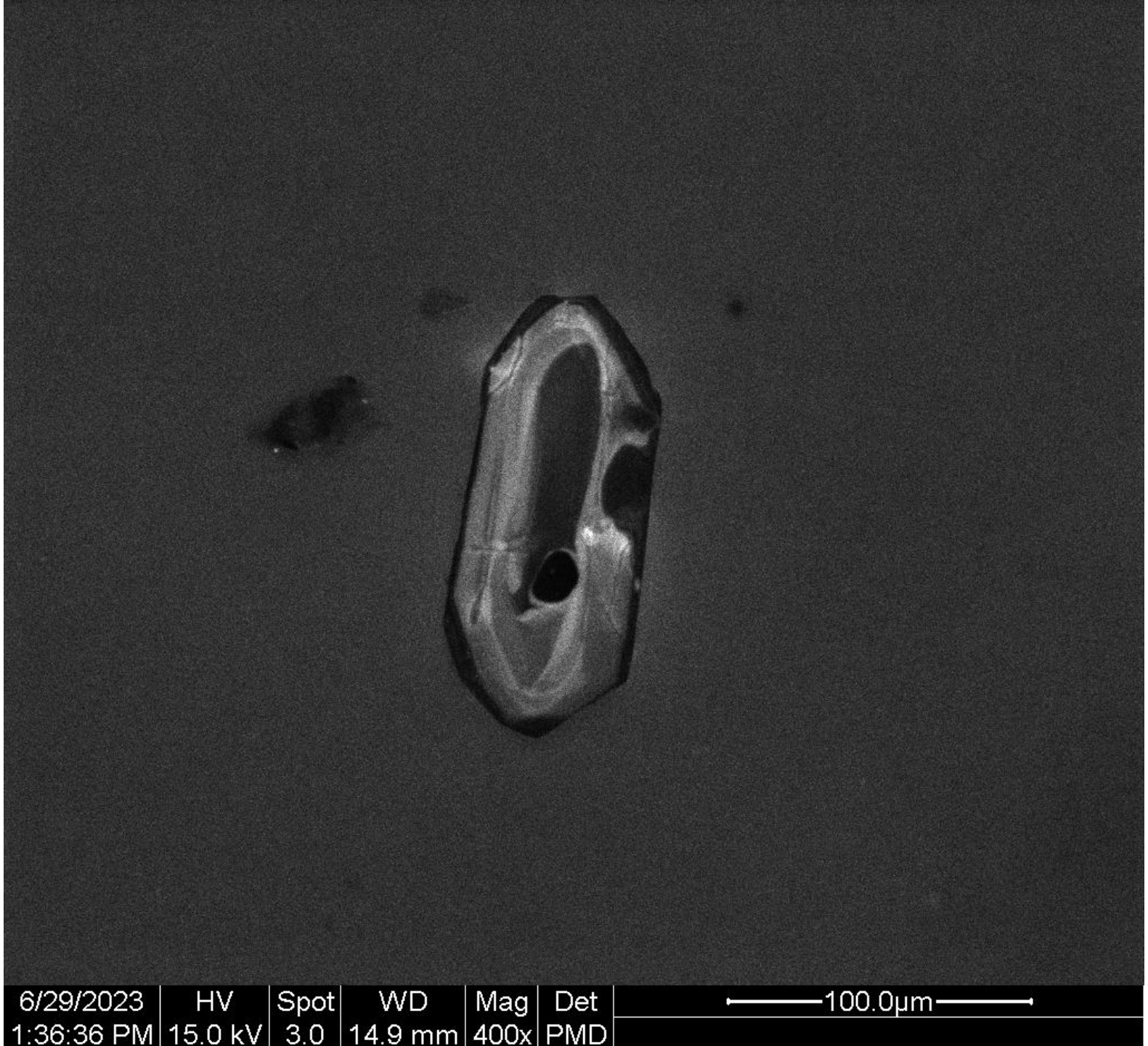
CG23CR06-CL_020.tif

No analysis. Too fractured/zones too small.



CG23CR06-CL_021.tif

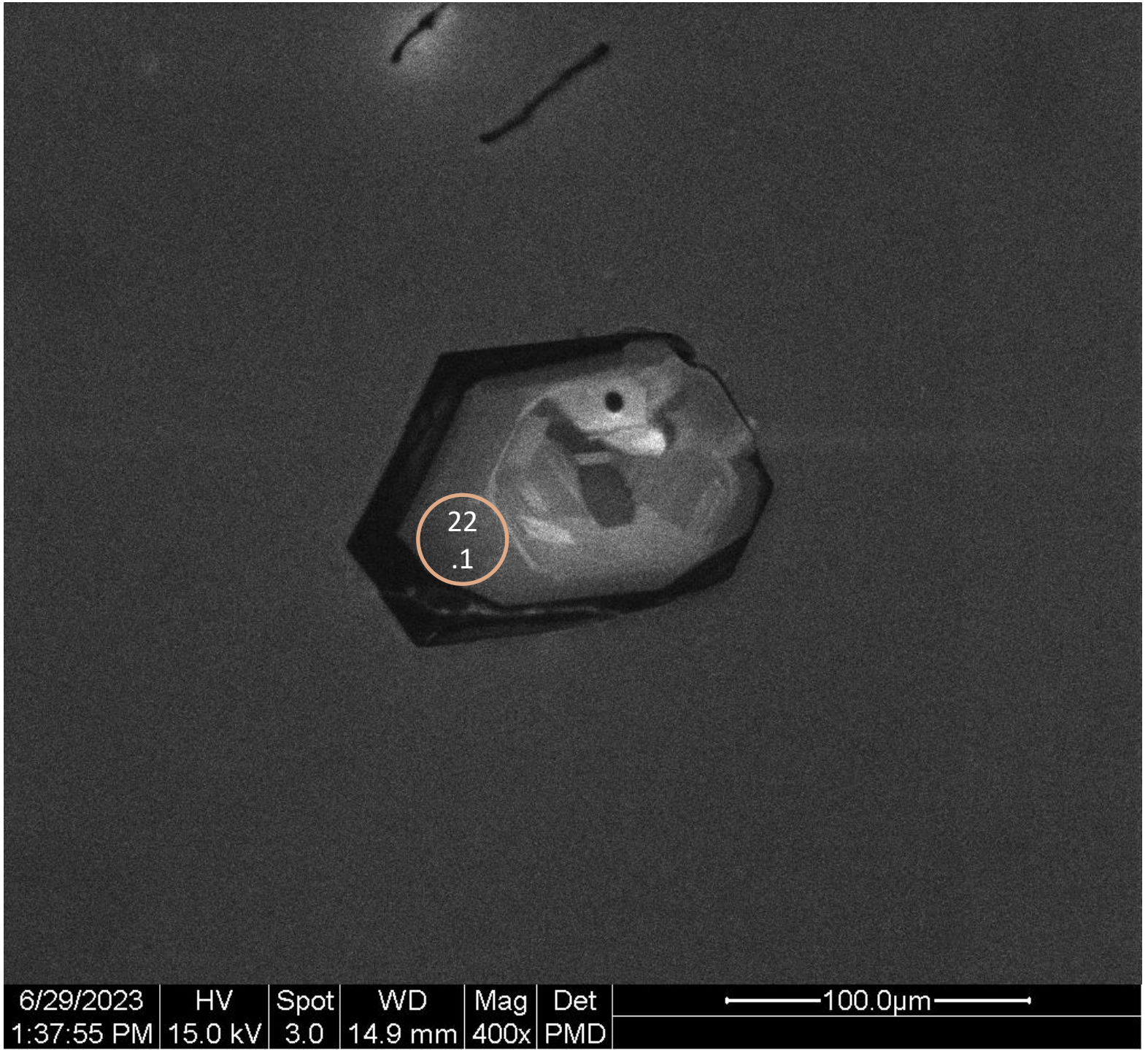
No analysis. Too fractured/zones too small.



CG23CR06-CL_022.tif

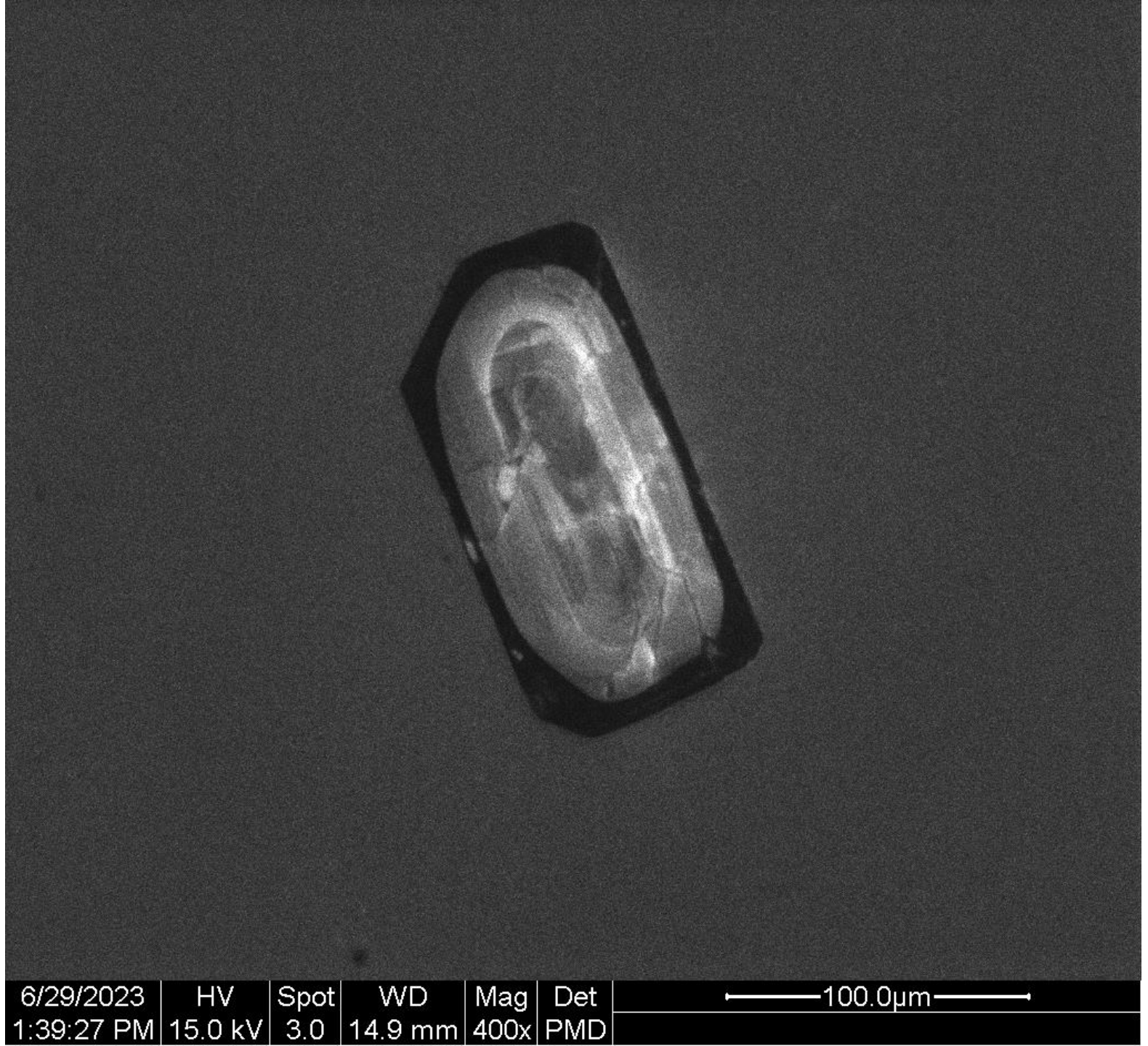
1x U-Pb

22.1



CG23CR06-CL_023.tif

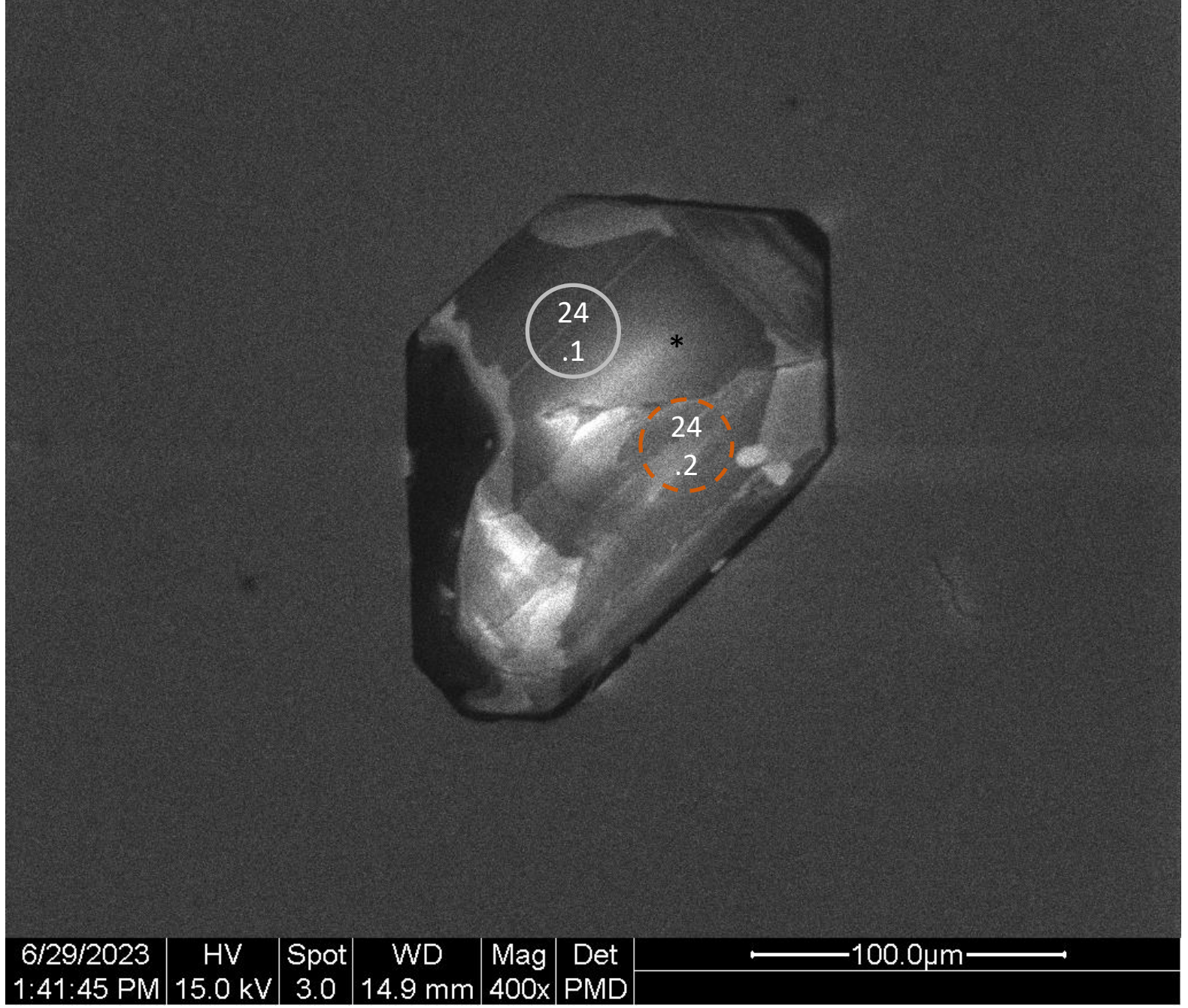
No analysis. Too fractured/zones too small.



CG23CR06-CL_024.tif

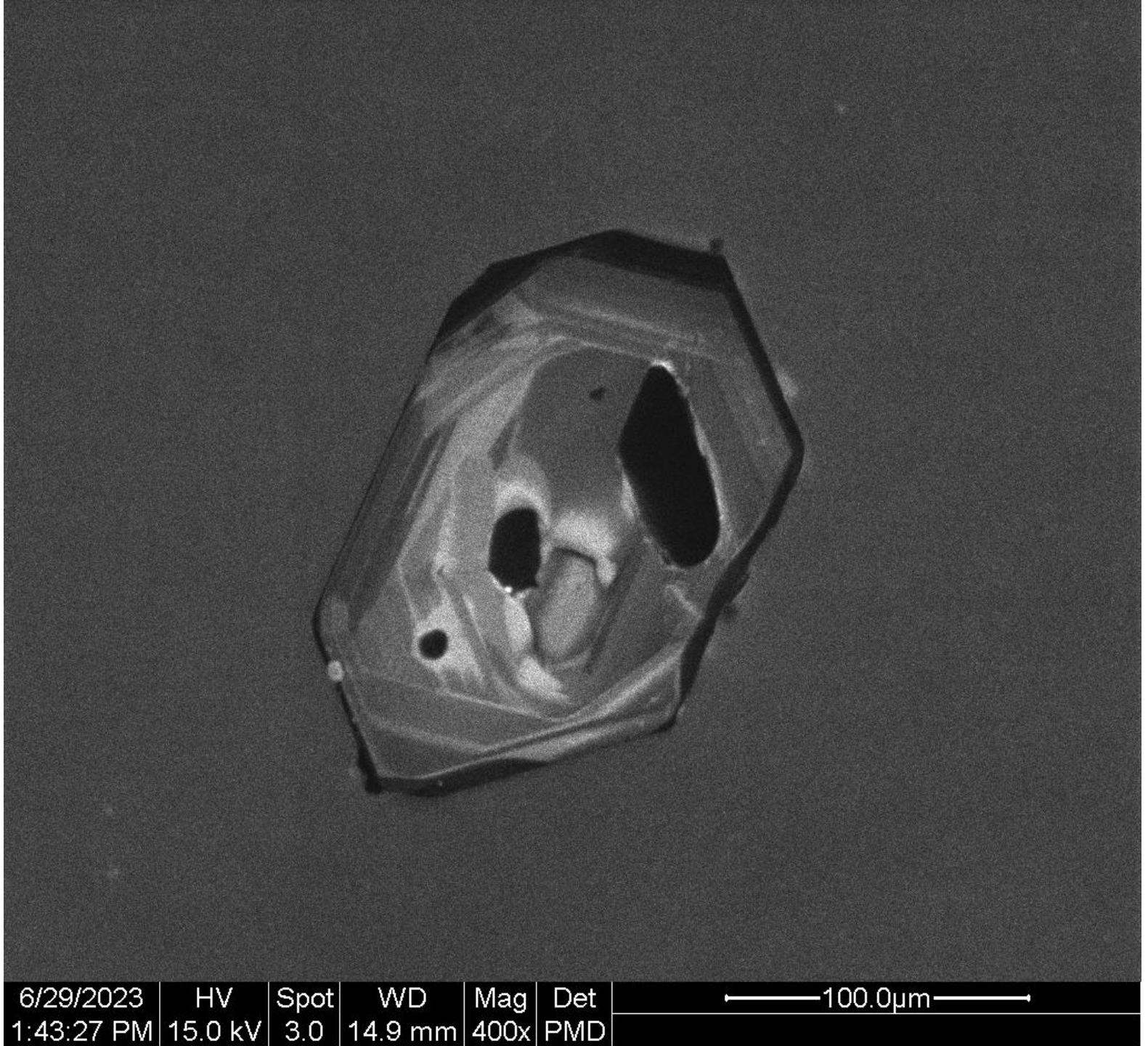
2x U-Pb

24.1, 24.2



CG23CR06-CL_025.tif

No analysis. Zones too small/too many inclusions and assoc. fractures/overlapping and cross-cutting of zones.



CG23CR06-CL_026.tif

3x U-Pb

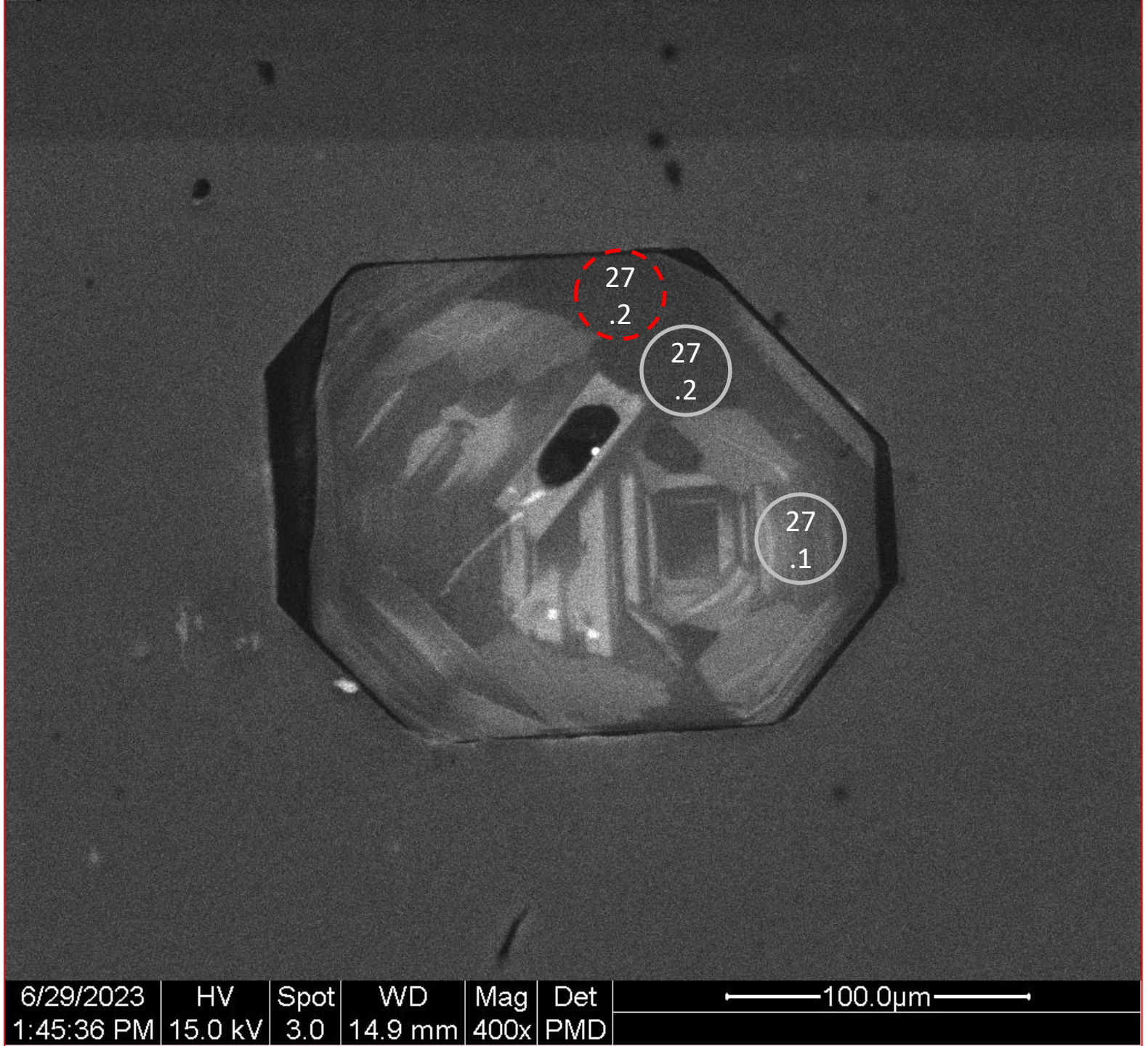
26.1, 26.2, 26.3



CG23CR06-CL_027.tif

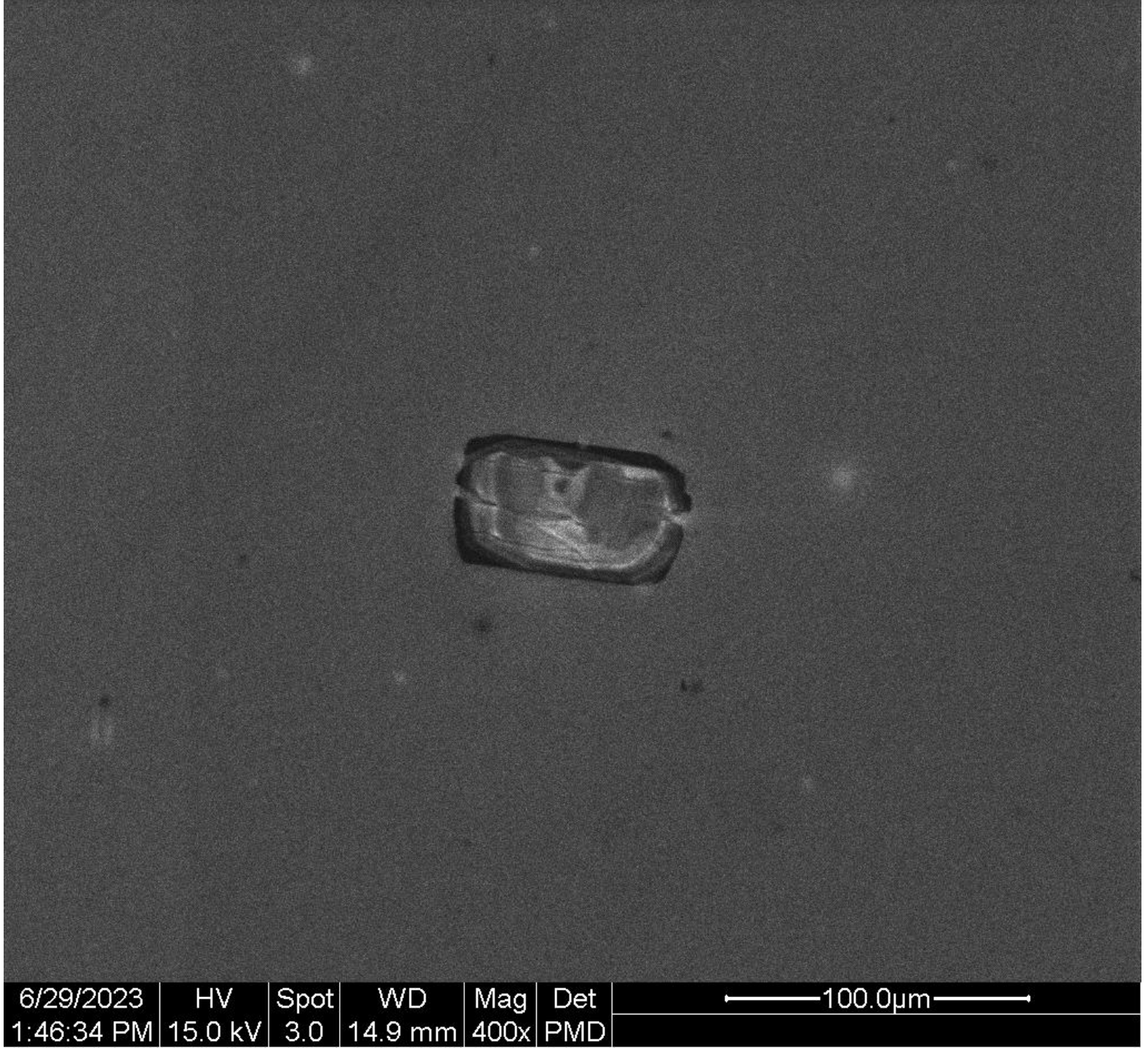
2x U-Pb

27.1, 27.2



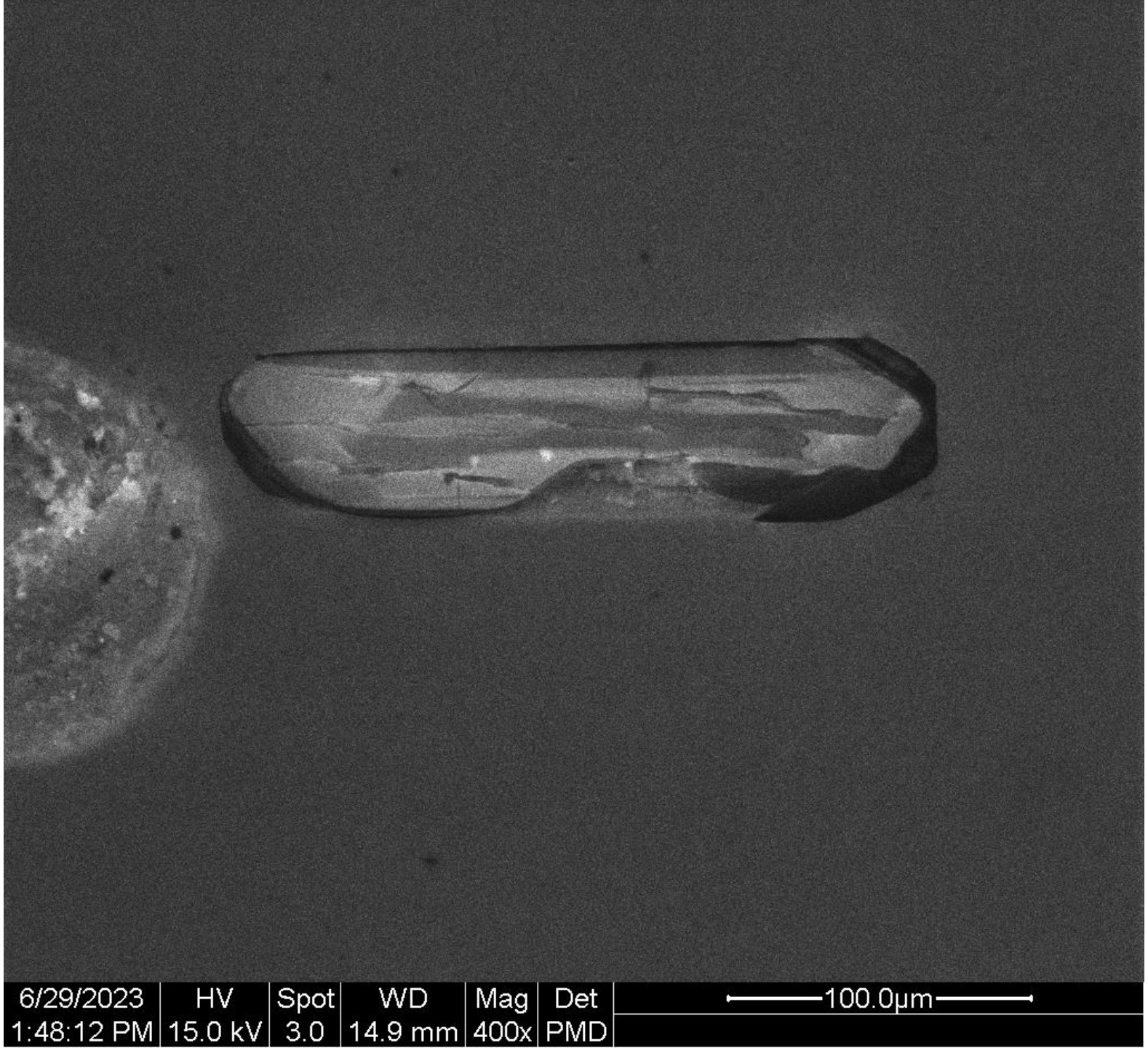
CG23CR06-CL_028.tif

No analysis. Grain too small.



CG23CR06-CL_029.tif

No analysis. Grain too fractured.



CG23CR06-CL_030.tif

3x U-Pb

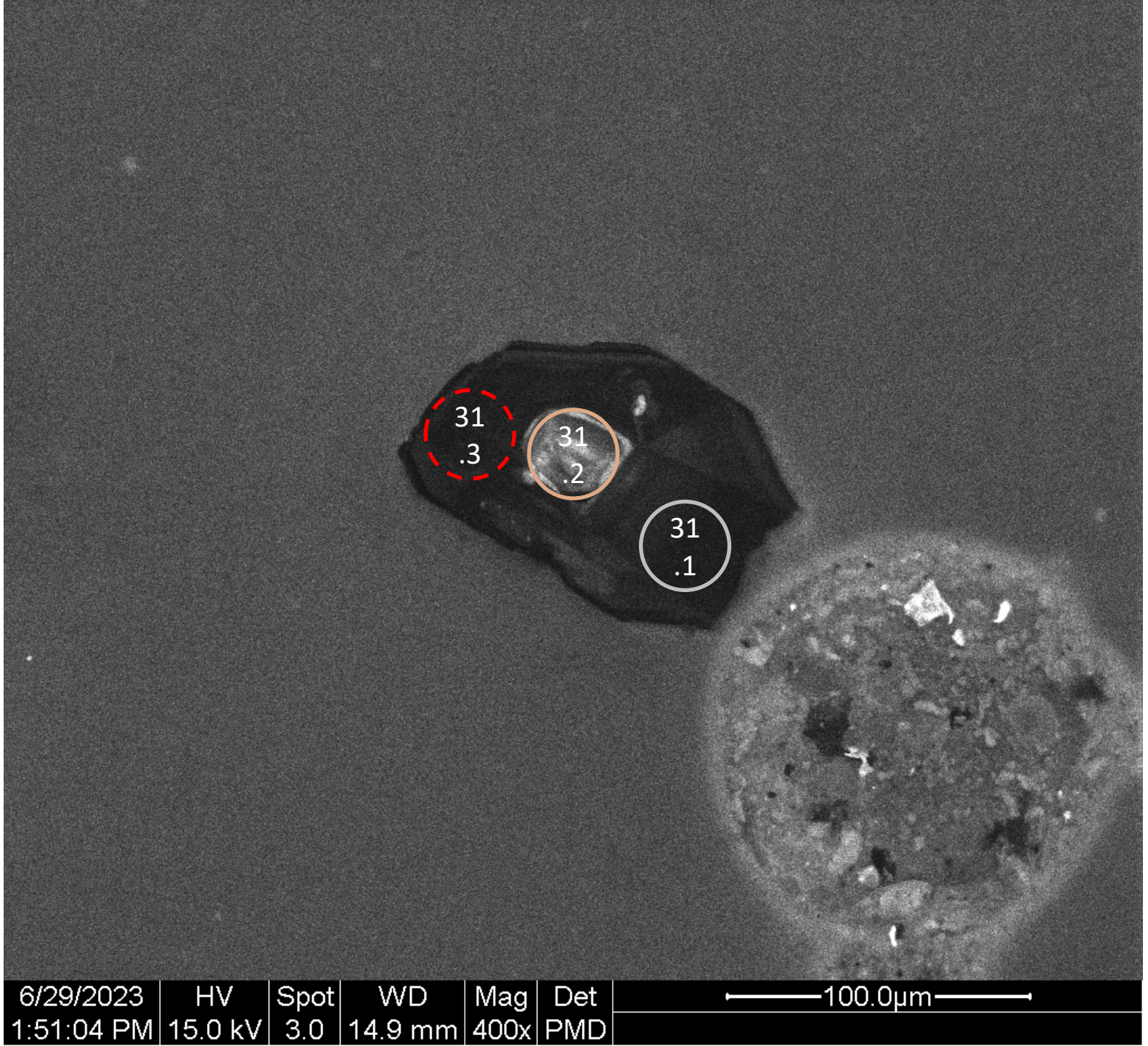
30.1, 30.2, 30.3



CG23CR06-CL_031.tif

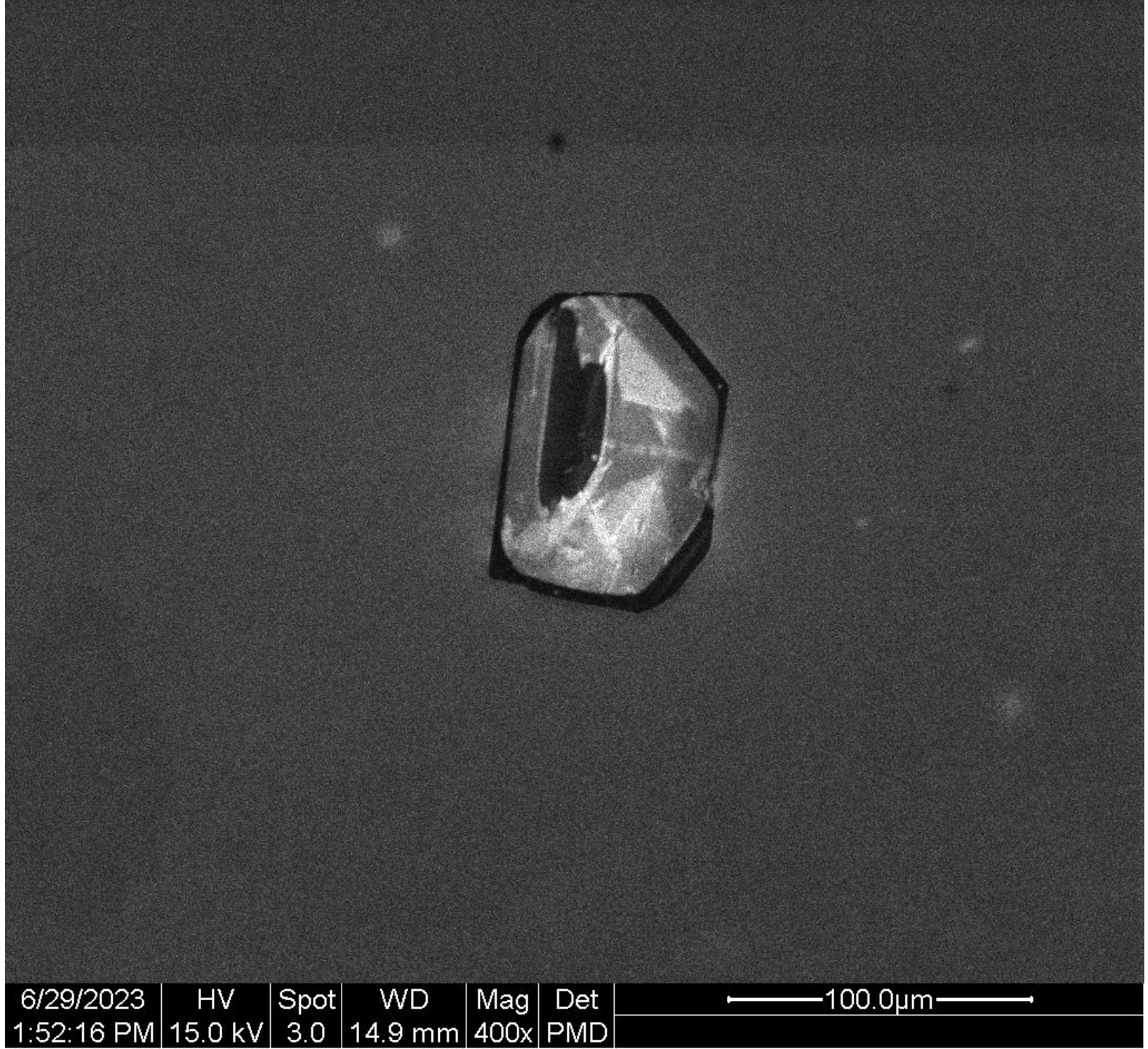
2x U-Pb

31.1, 31.2



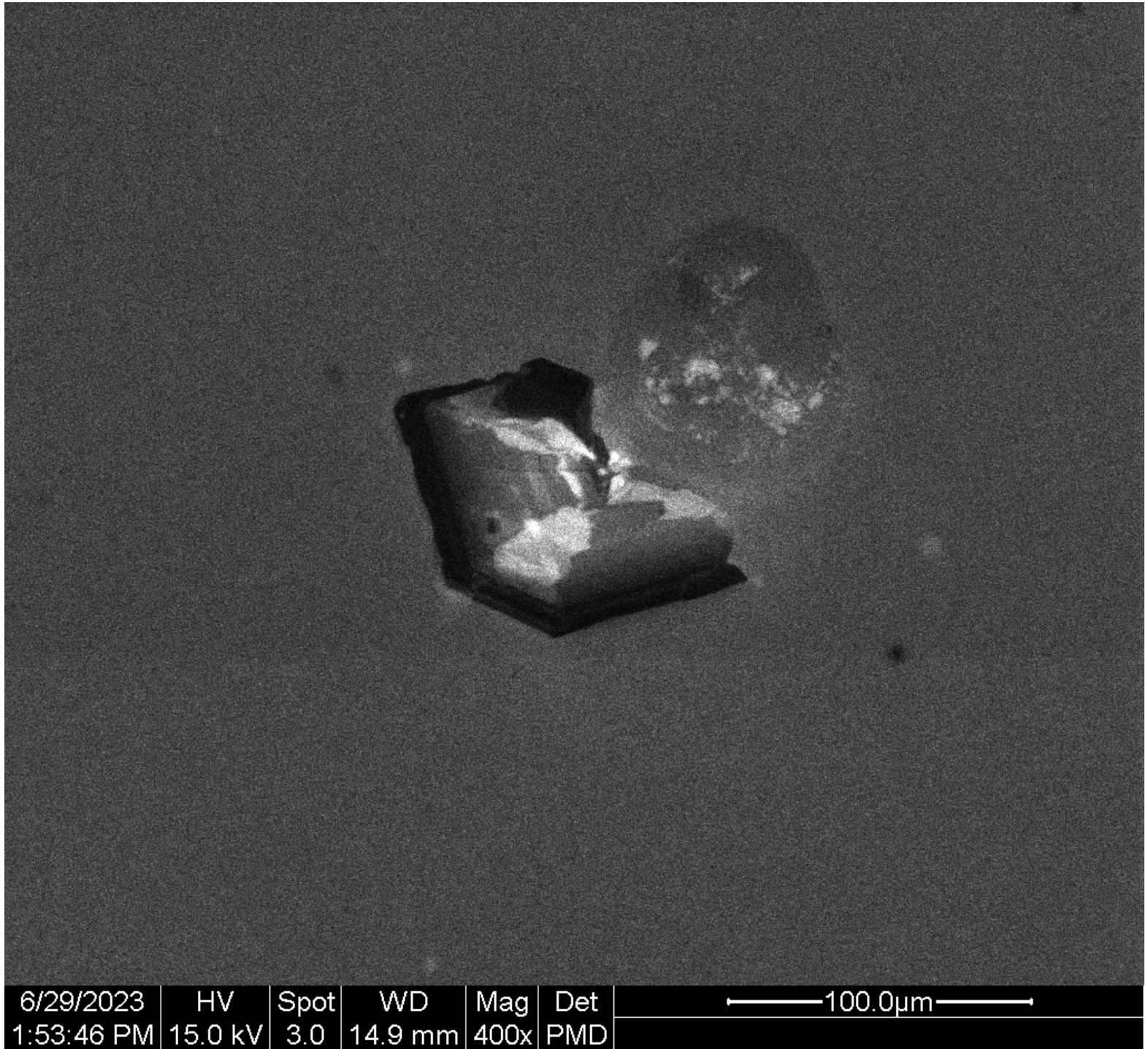
CG23CR06-CL_032.tif

No analysis. Grain too small/too fractured.



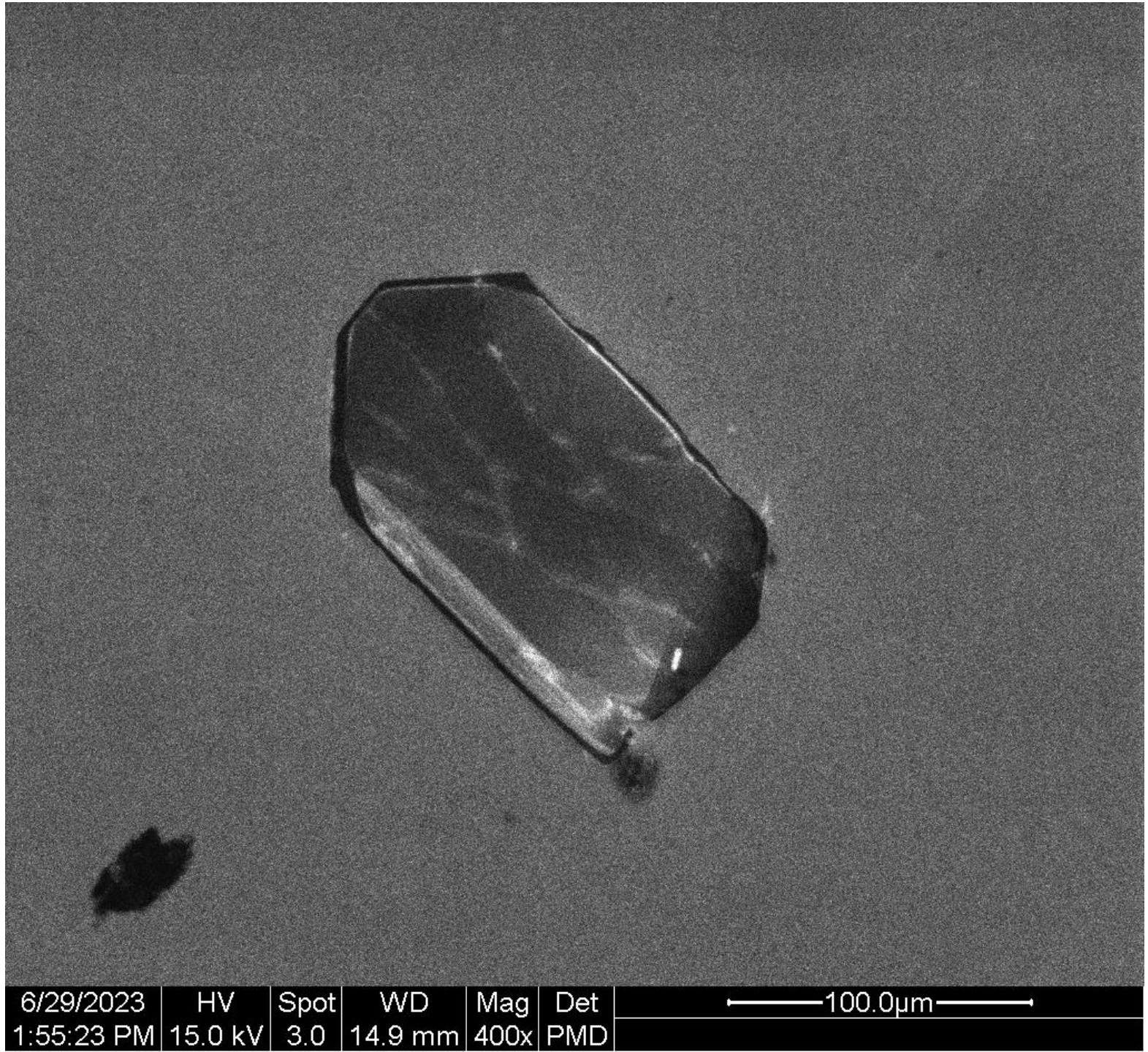
CG23CR06-CL_033.tif

No analysis. Grain too small/too fractured.



CG23CR06-CL_034.tif

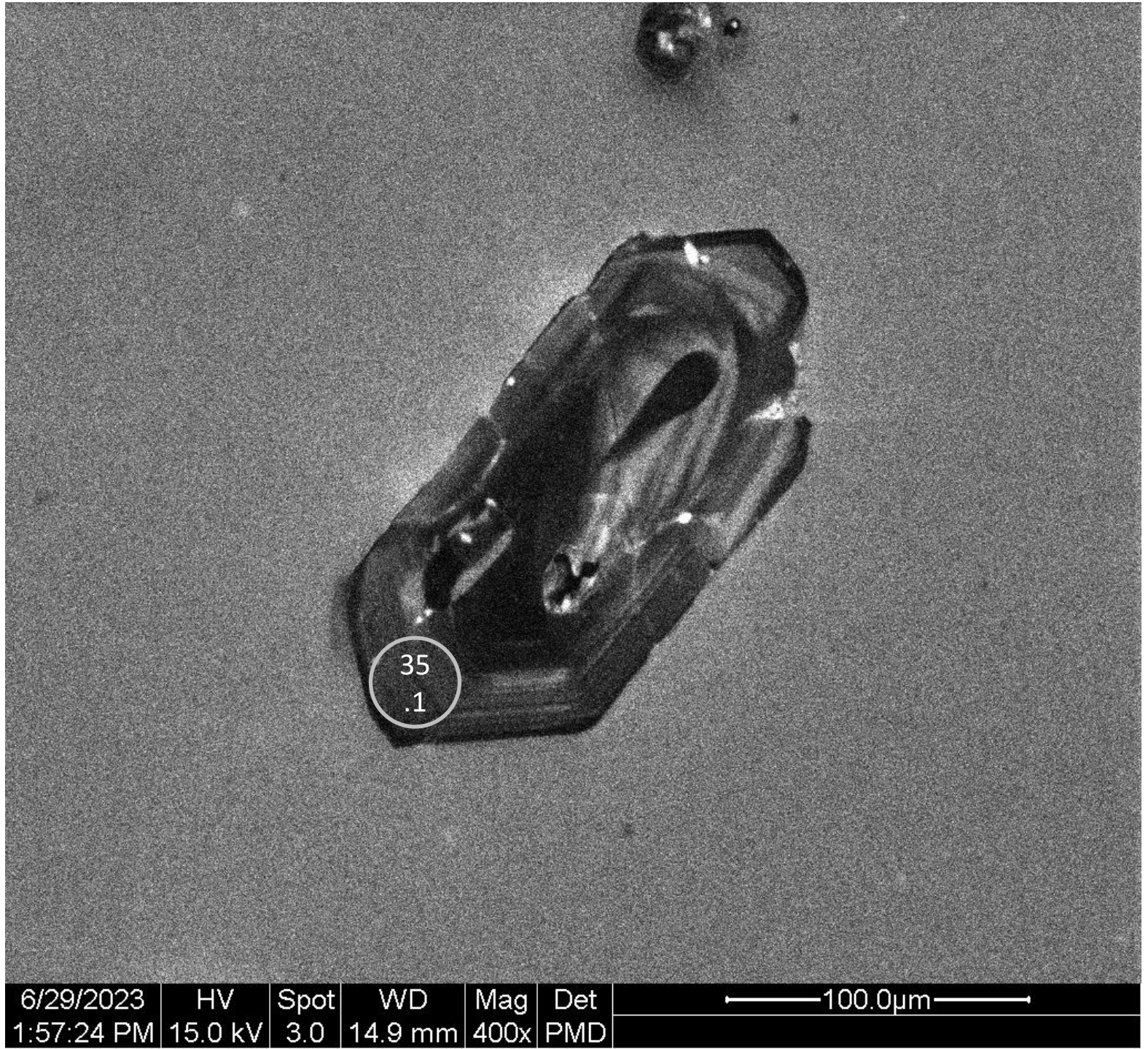
No analysis. Grain too fractured.



CG23CR06-CL_035.tif

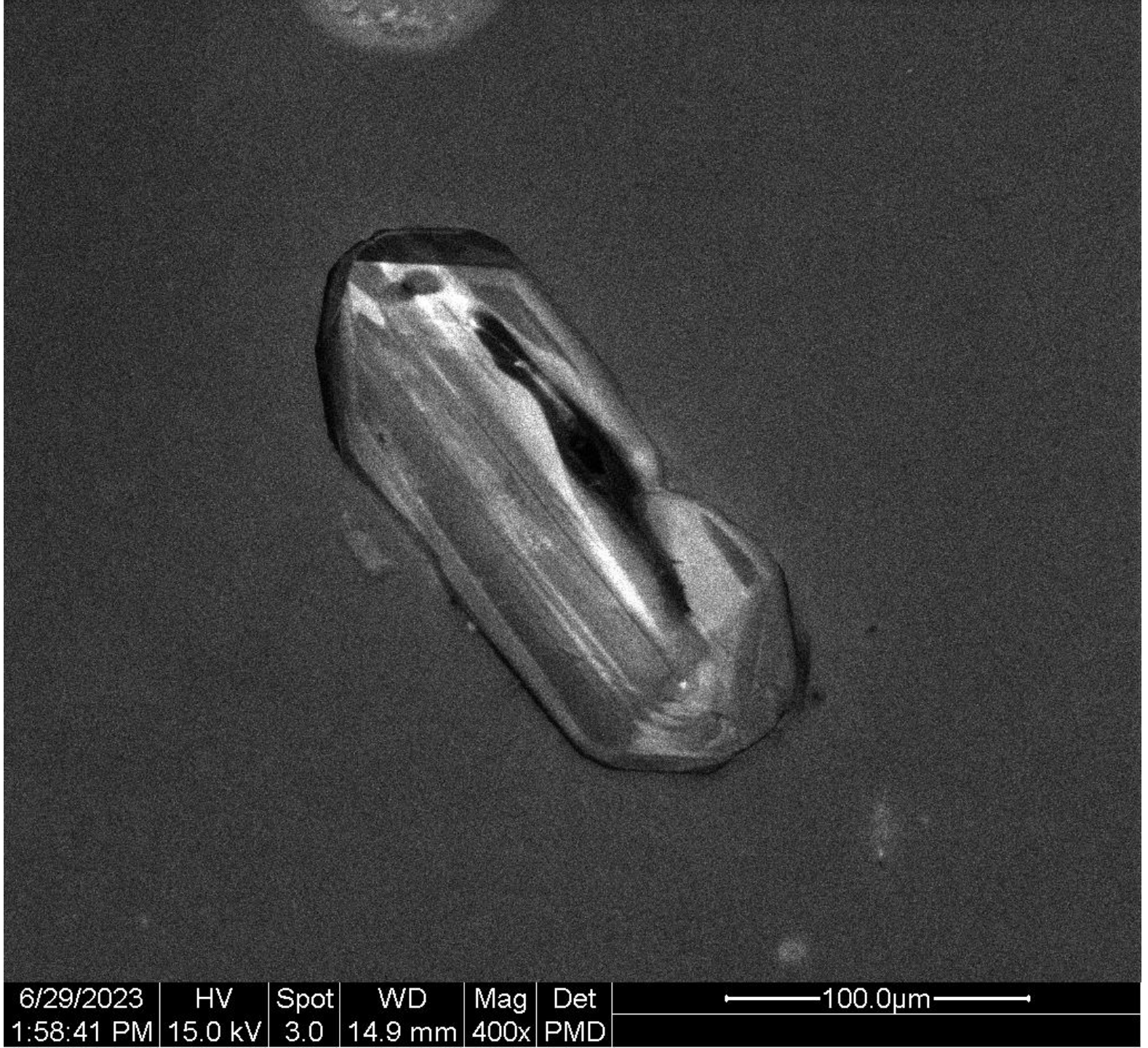
1x U-Pb

35.1



CG23CR06-CL_036.tif

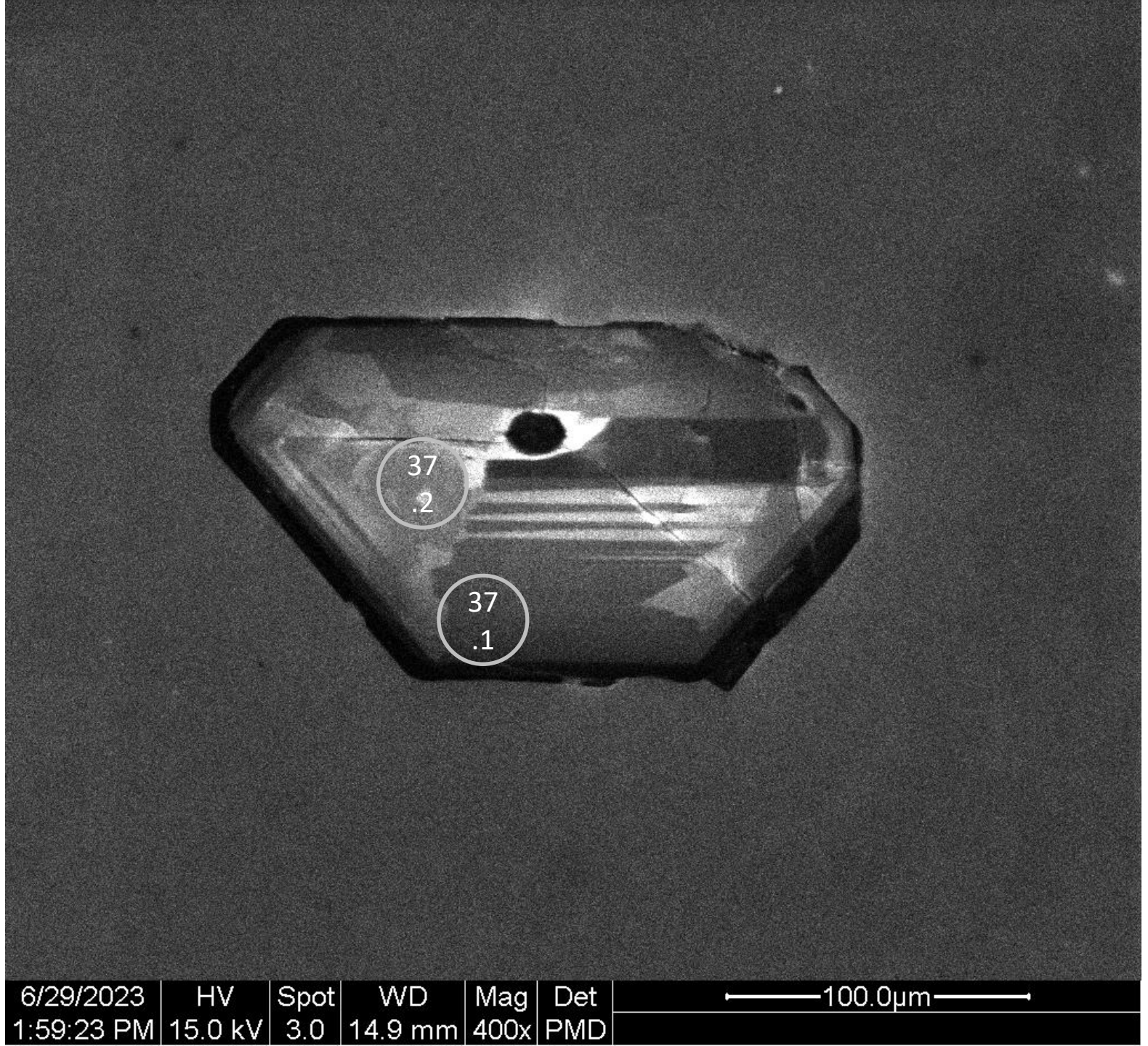
No analysis. Grain too fractured.



CG23CR06-CL_037.tif

2x U-Pb

37.1, 37.2



CG23CR06-CL_038.tif

2x U-Pb

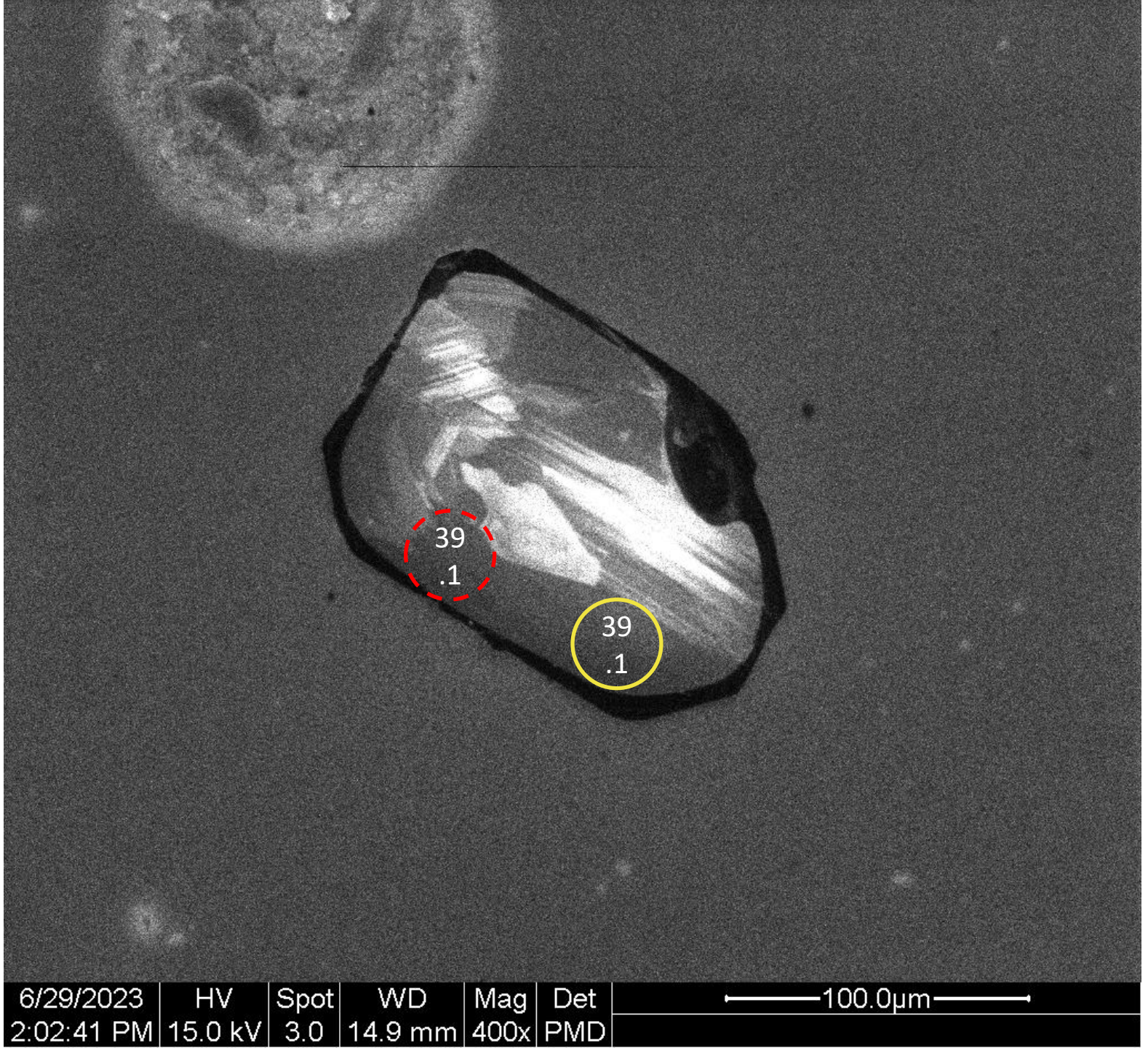
38.1, 38.2



CG23CR06-CL_039.tif

1x U-Pb

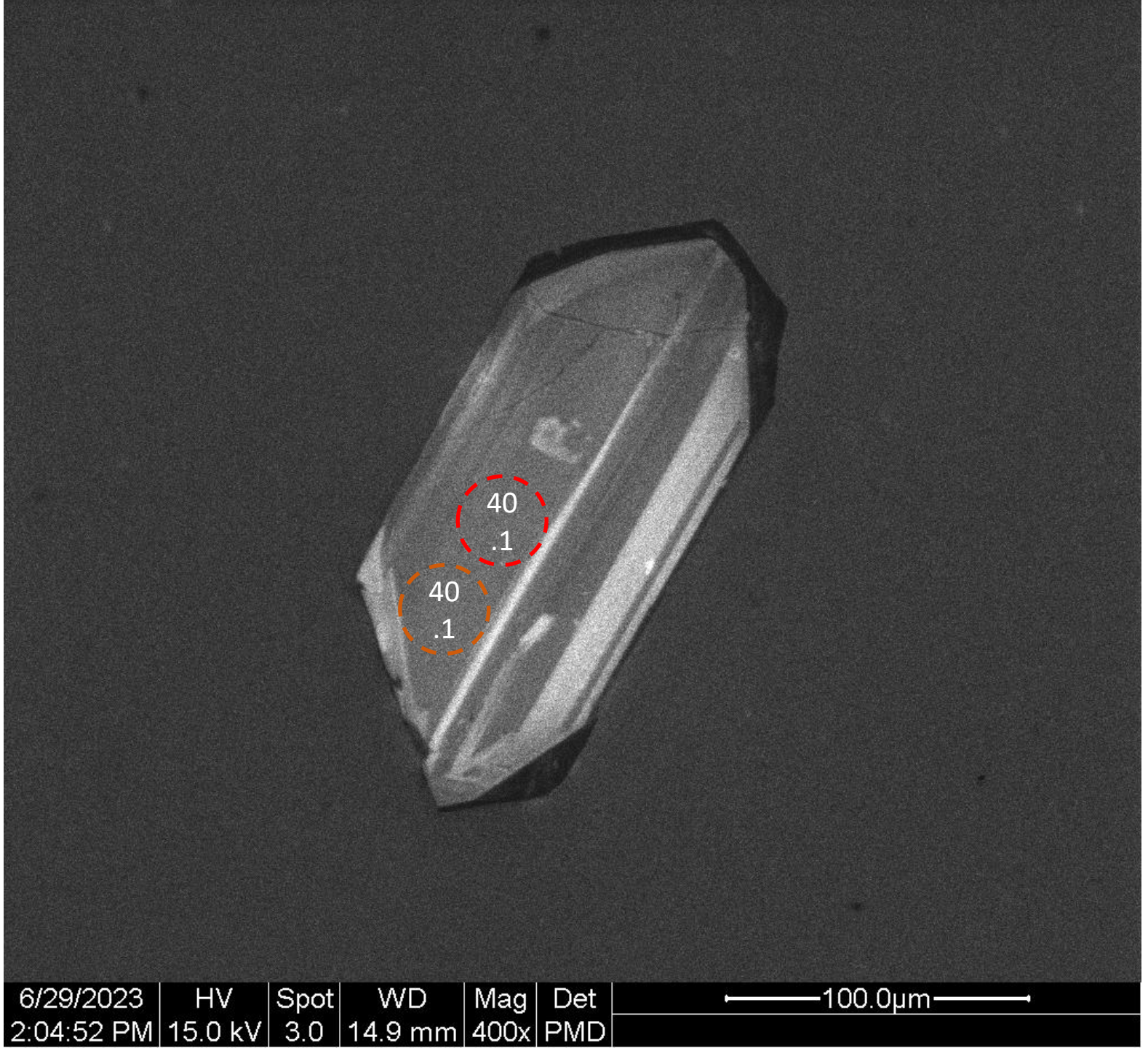
39.1



CG23CR06-CL_040.tif

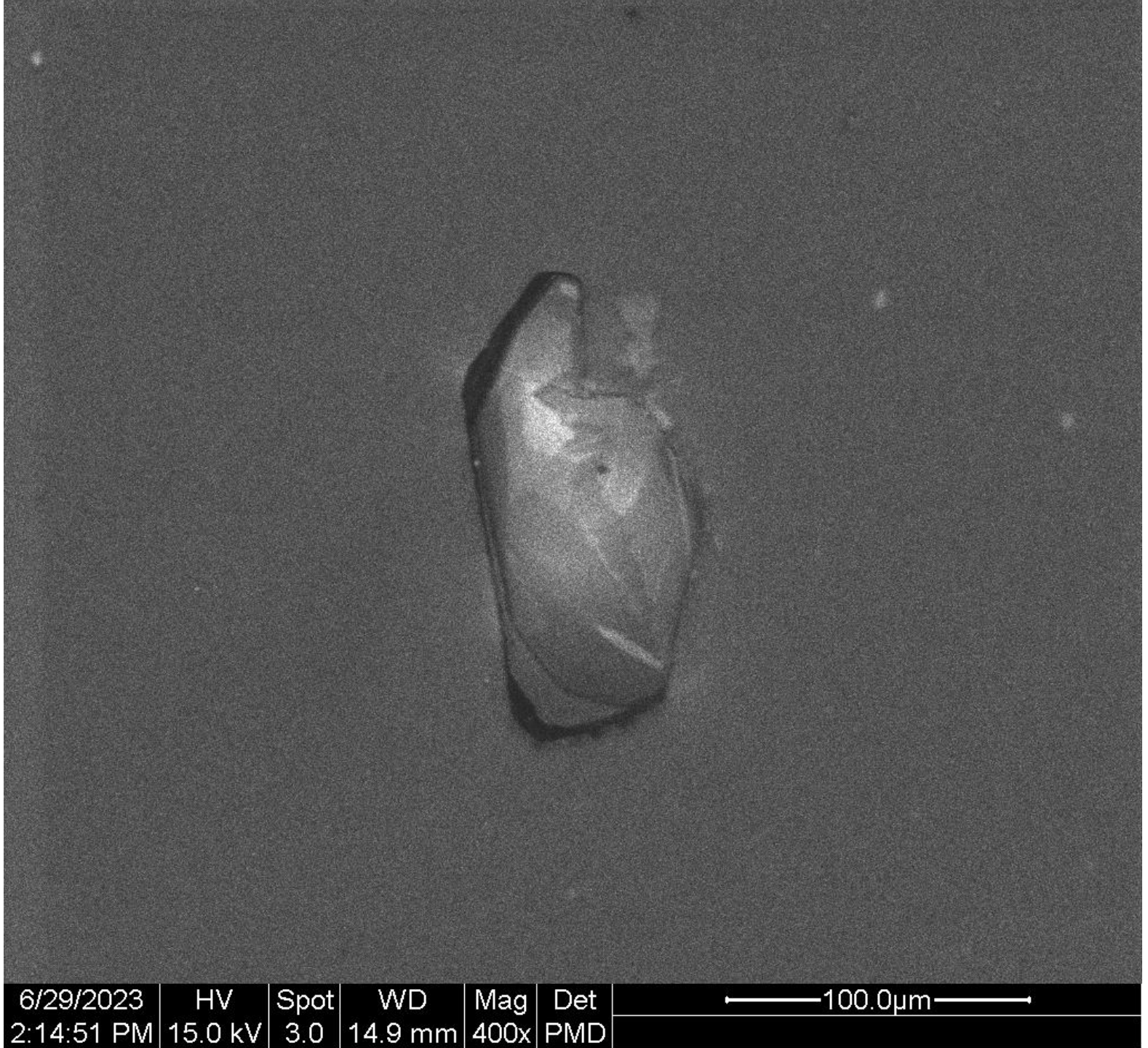
1x U-Pb

40.1



CG23CR06-CL_041.tif

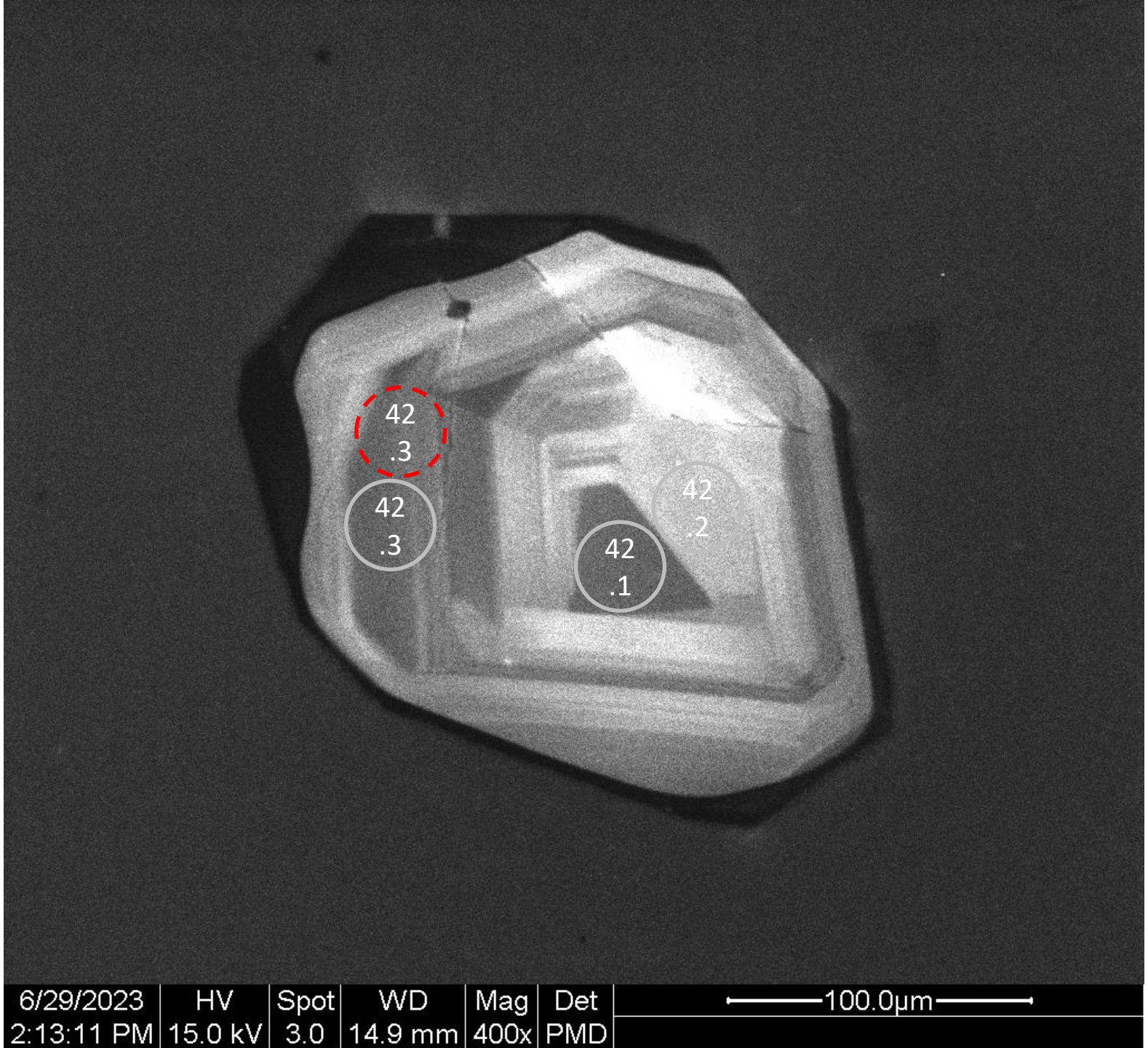
No analysis. Grain too small.



CG23CR06-
CL_042.tif

3x U-Pb

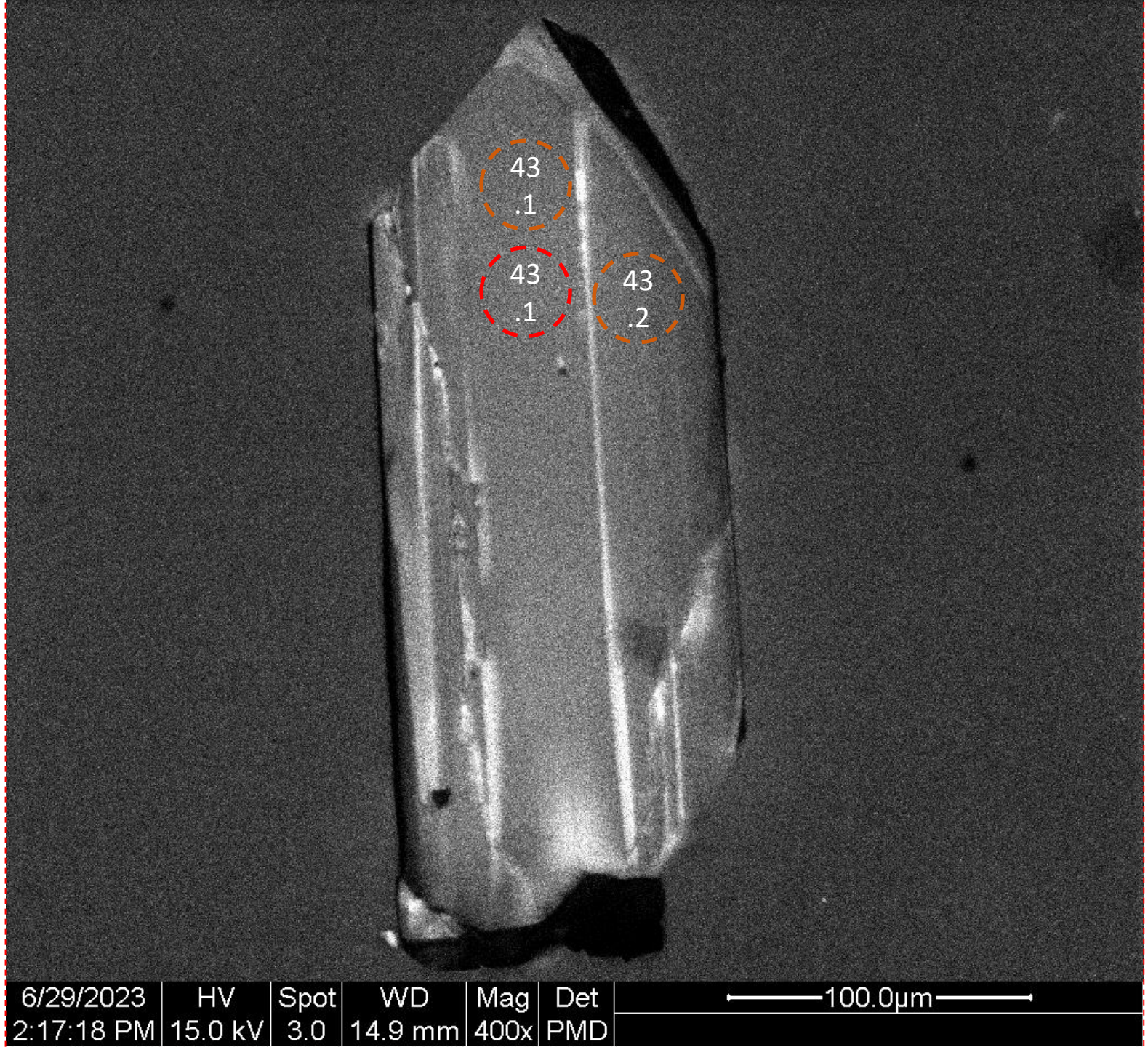
42.1, 42.2, 42.3



CG23CR06-CL_043.tif

2x U-Pb

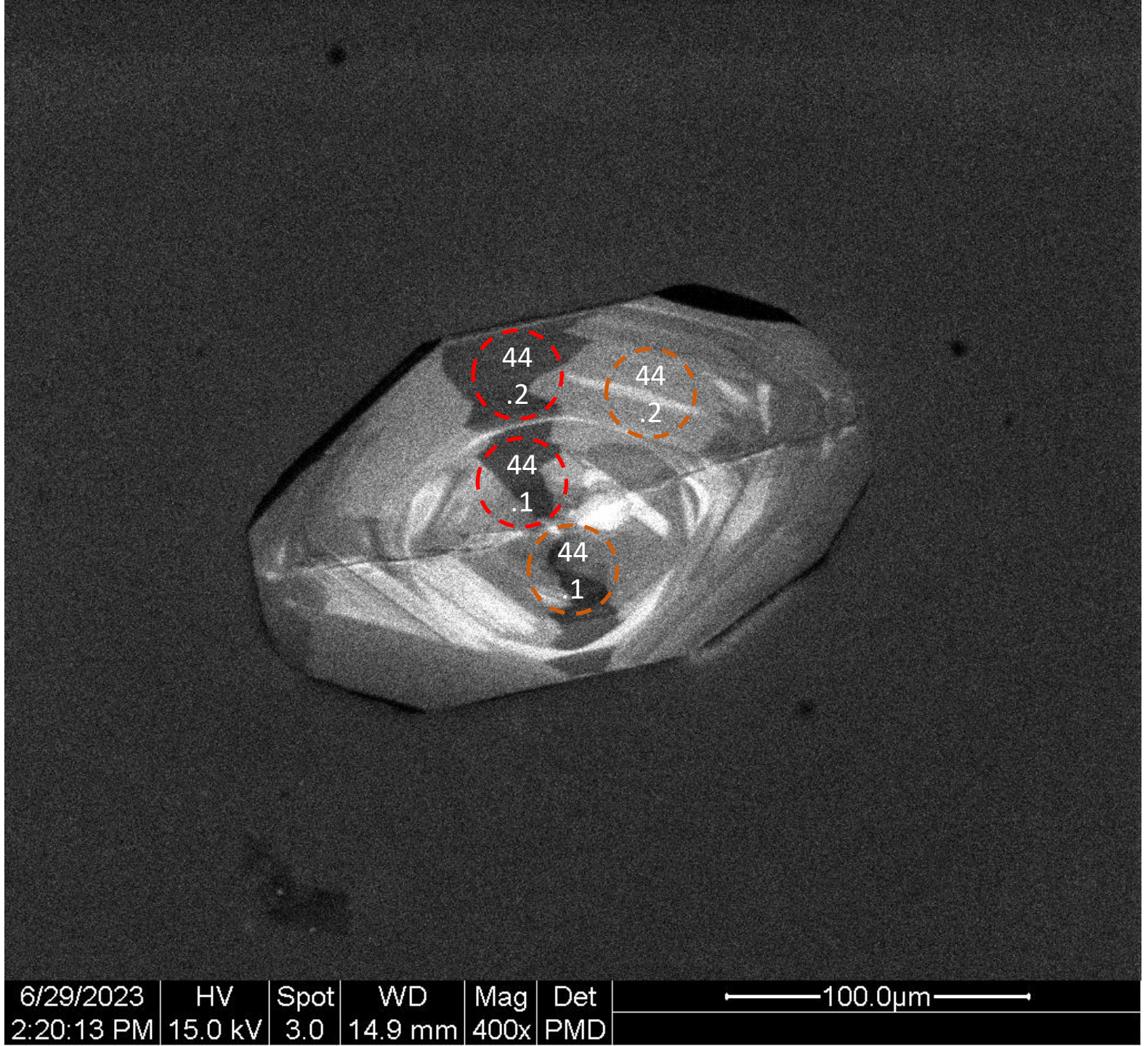
43.1, 43.2



CG23CR06-CL_044.tif

2x U-Pb

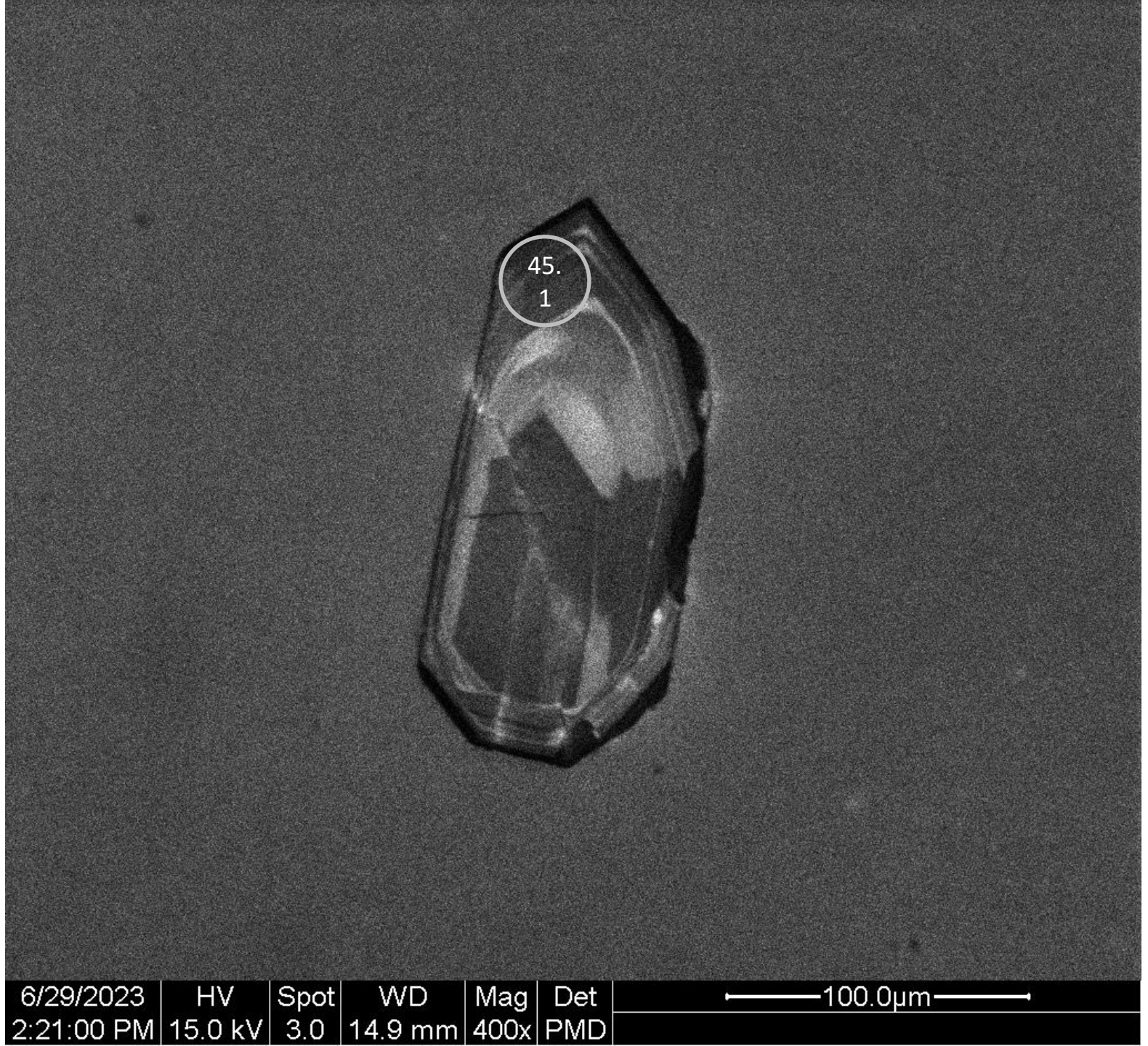
44.1, 44.2



CG23CR06-CL_045.tif

1x U-Pb

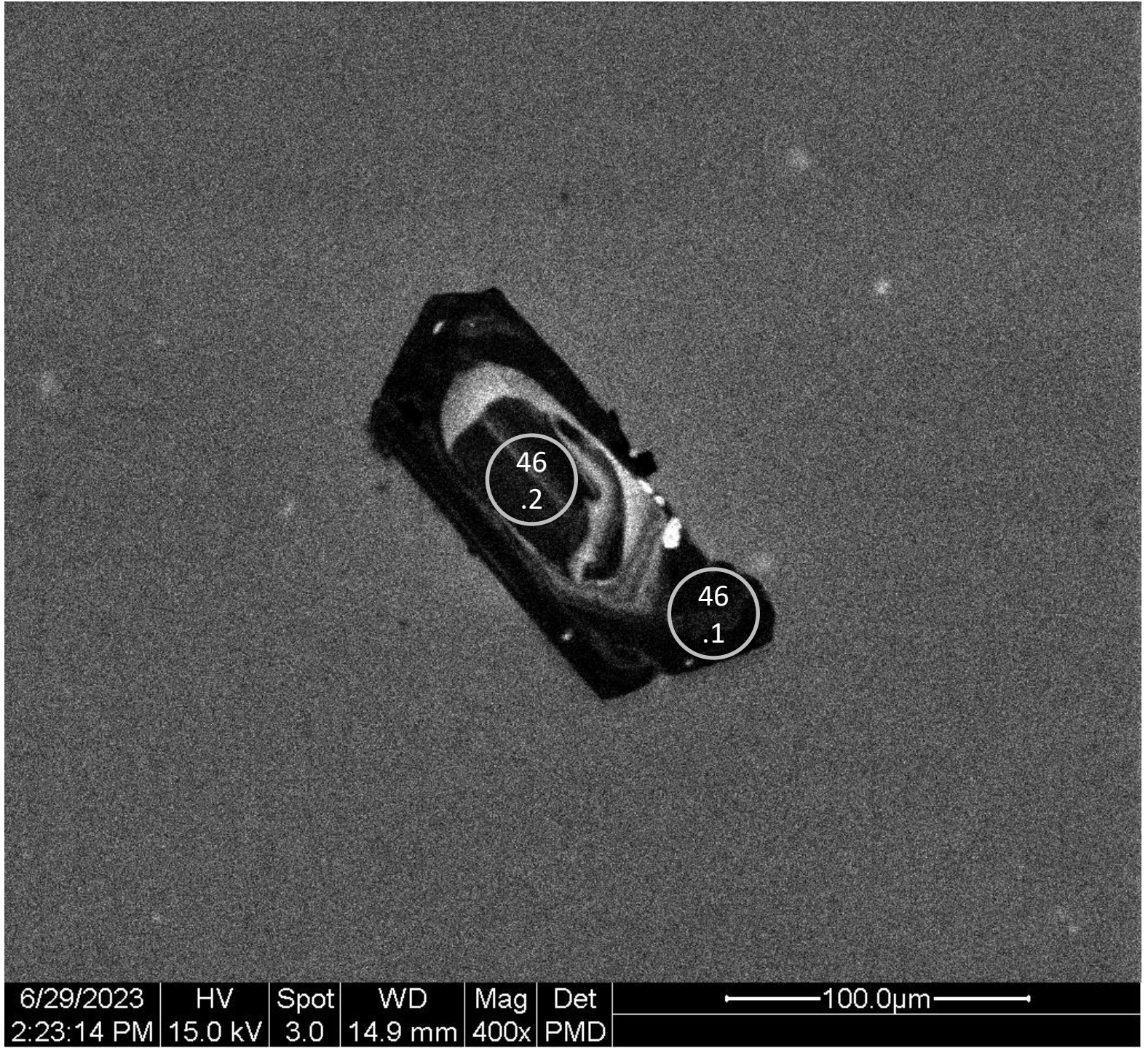
45.1



CG23CR06-CL_046.tif

2x U-Pb

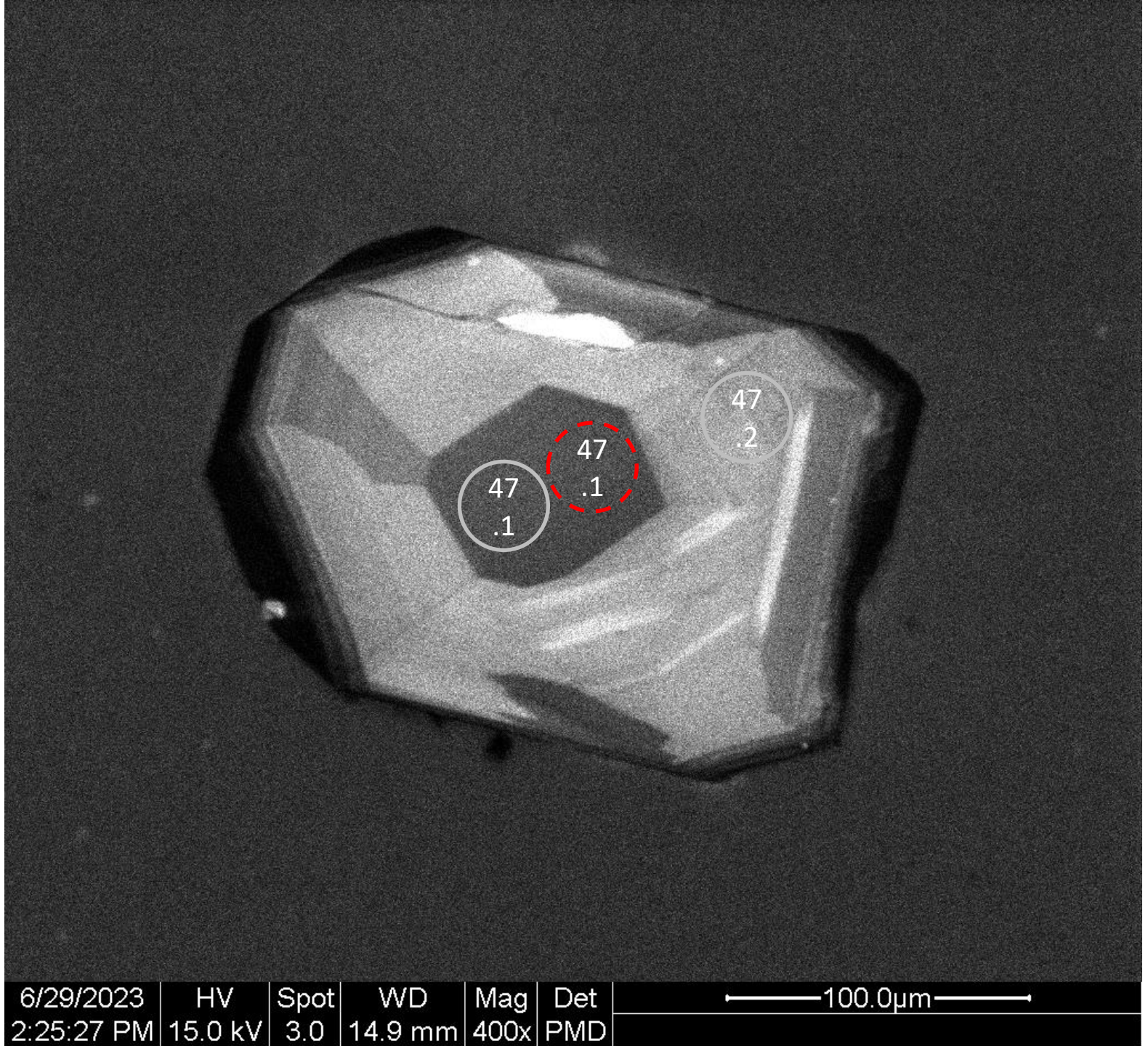
46.1, 46.2



CG23CR06-CL_047.tif

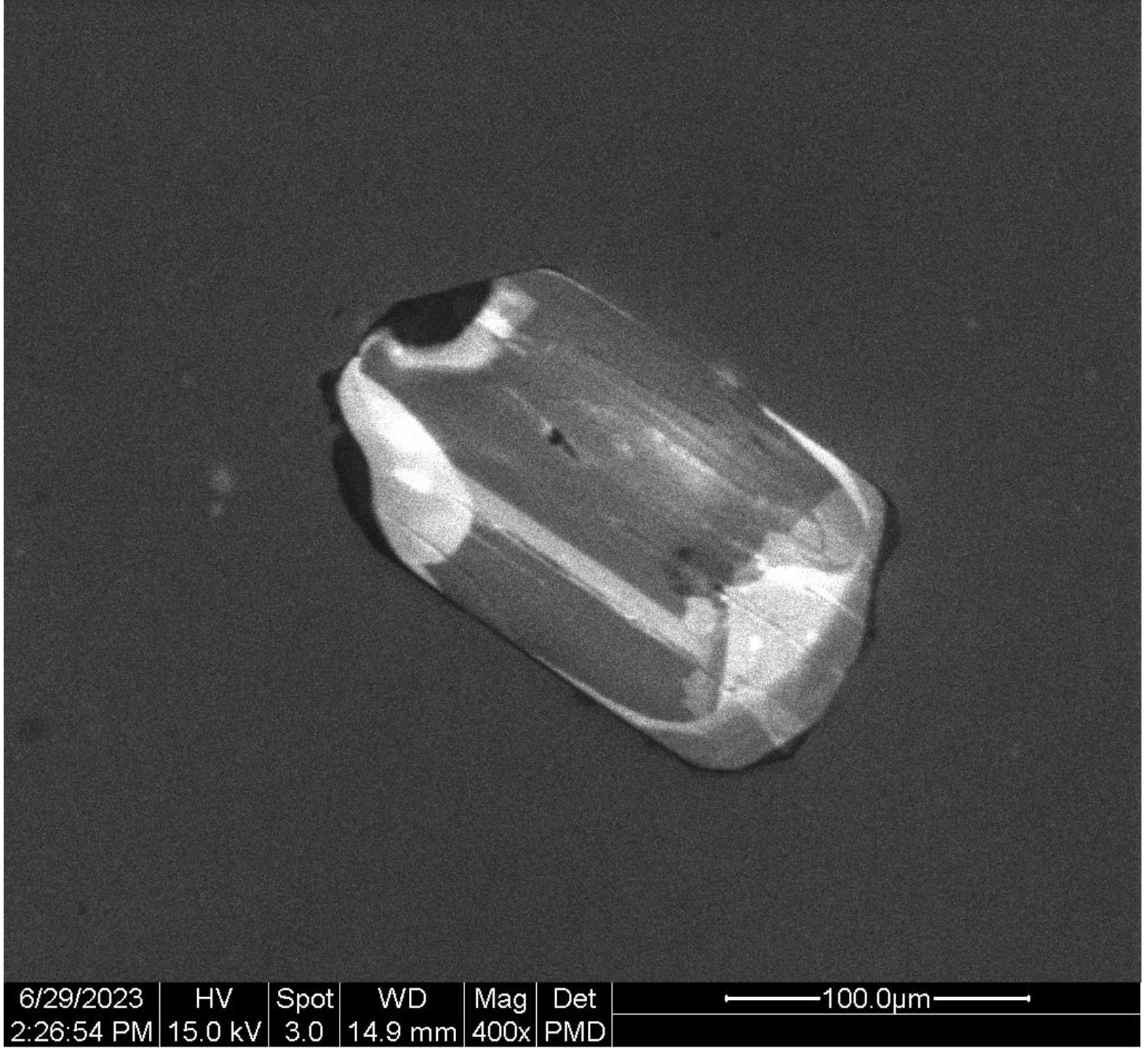
2x U-Pb

47.1, 47.2



CG23CR06-CL_048.tif

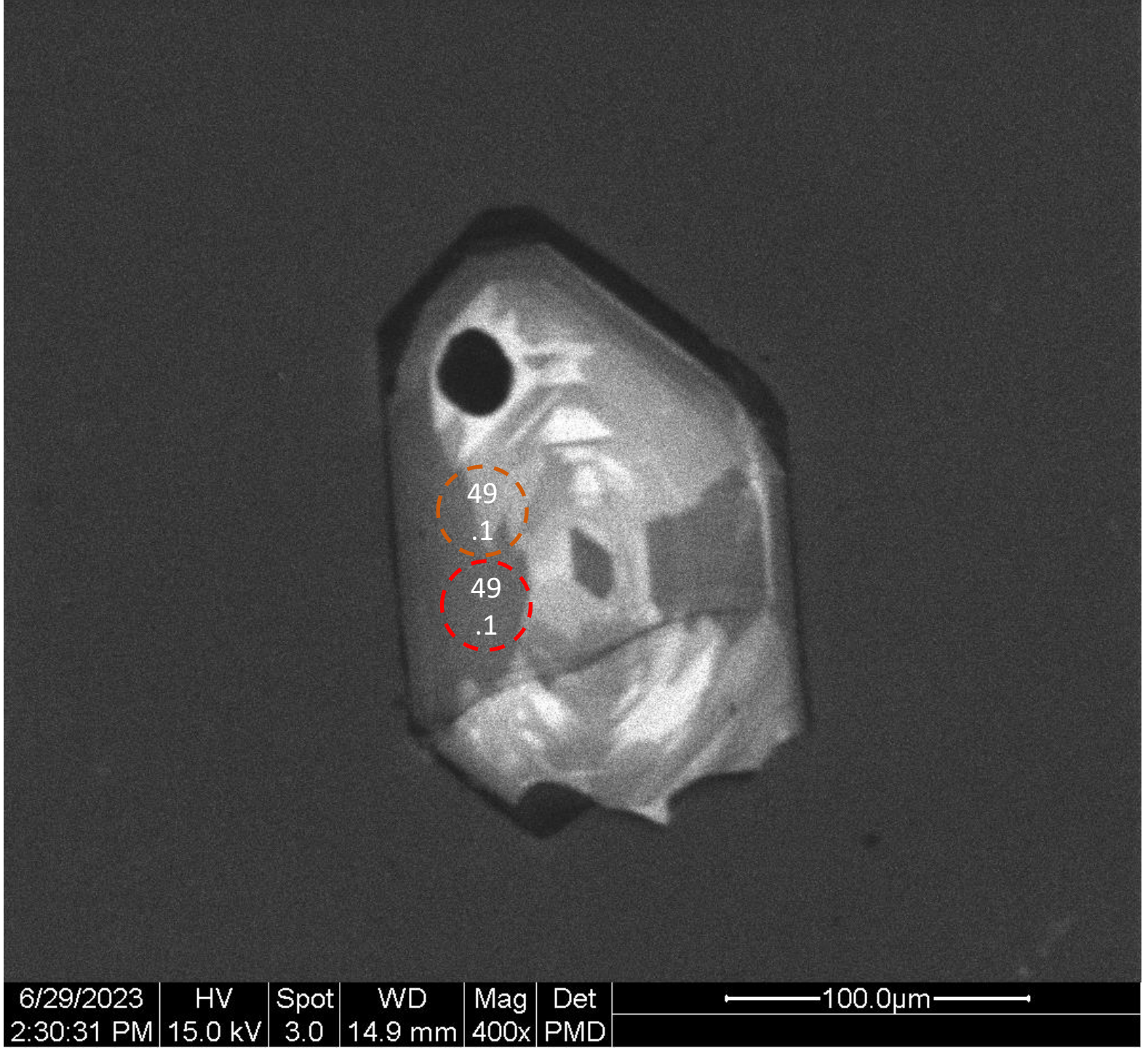
No analysis. Grain too fractured.



CG23CR06-CL_049.tif

1x U-Pb

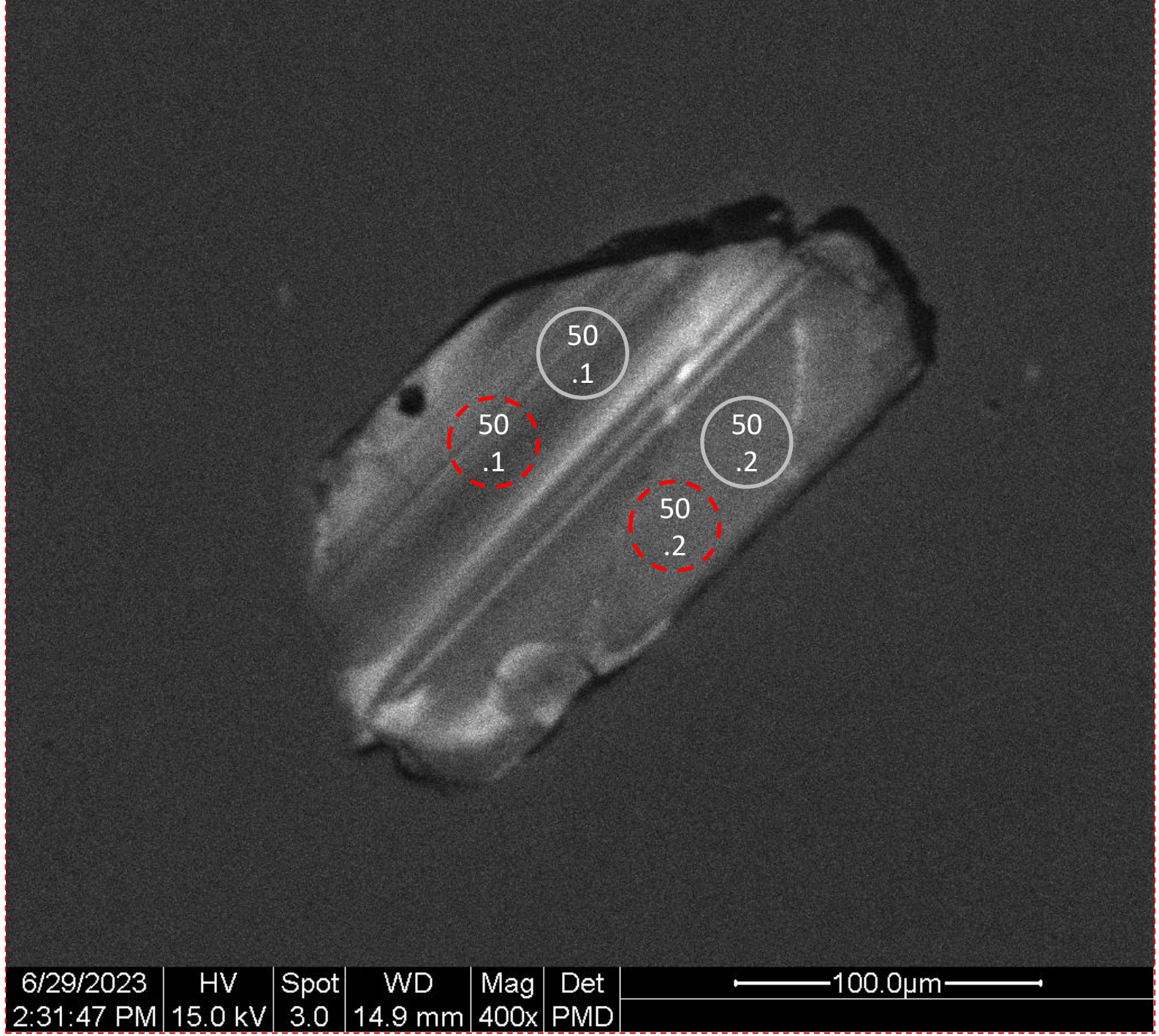
49.1



CG23CR06-CL_050.tif

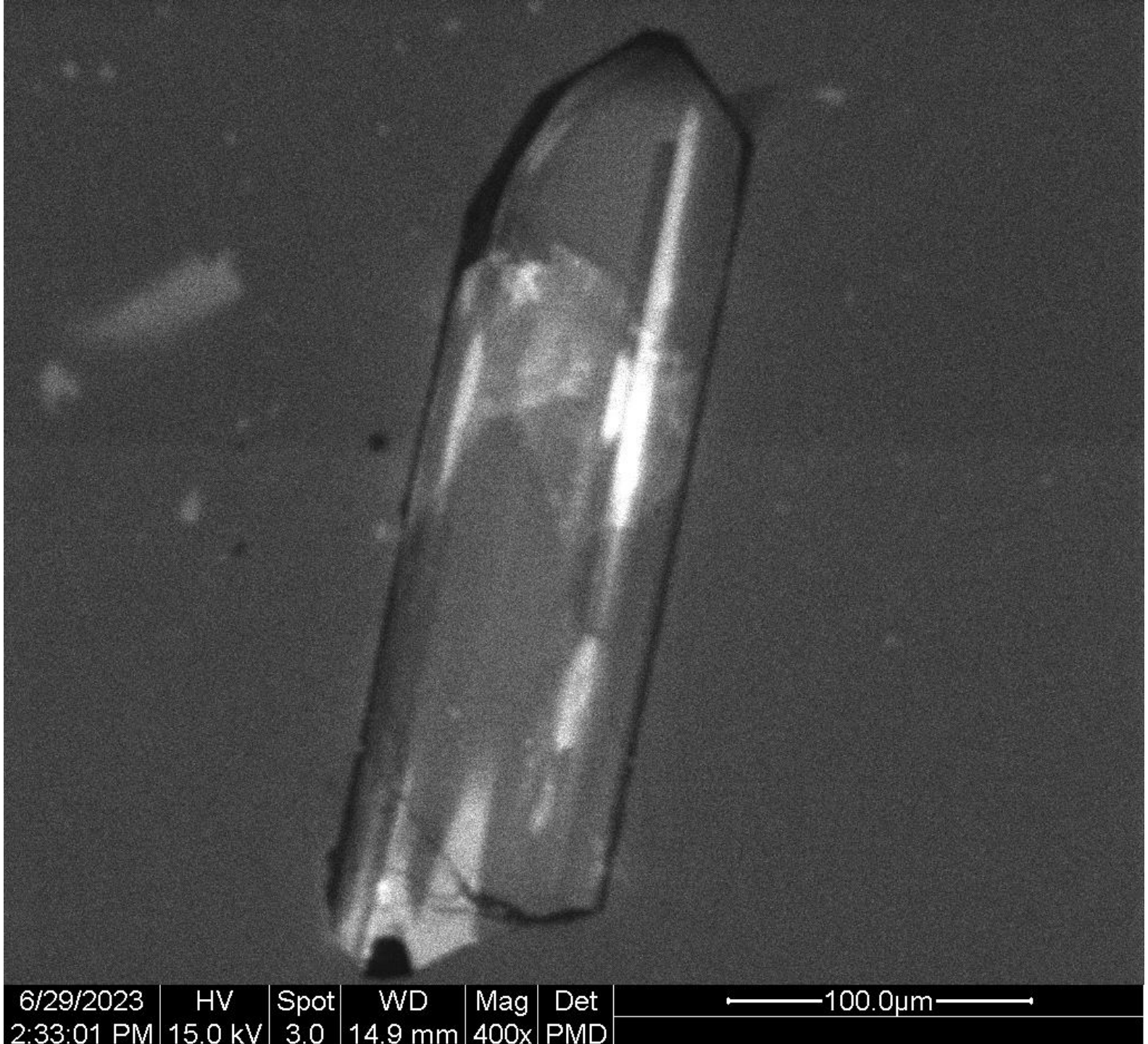
2x U-Pb

50.1, 50.2



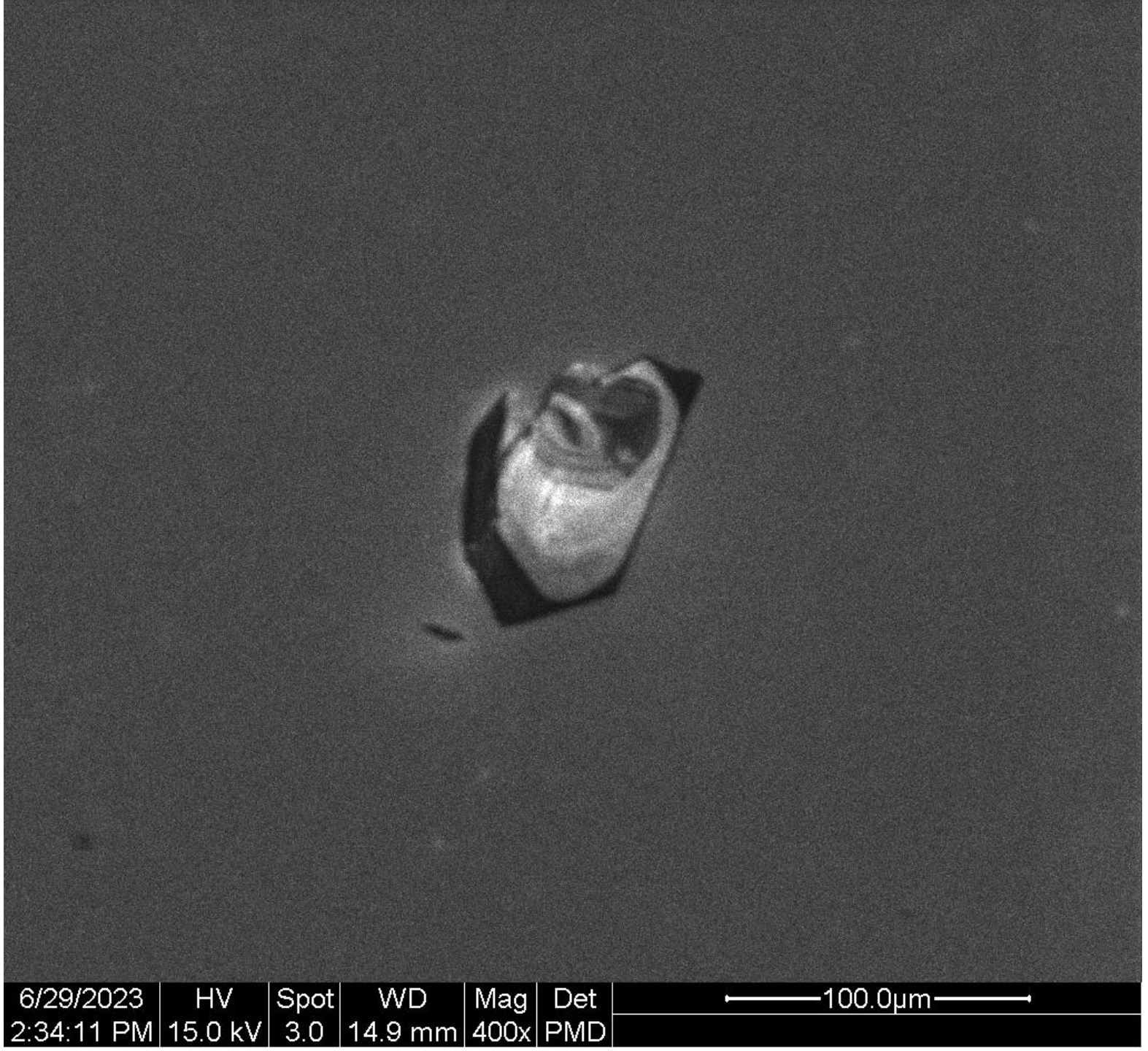
CG23CR06-CL_051.tif

No analysis. Grain too fractured.



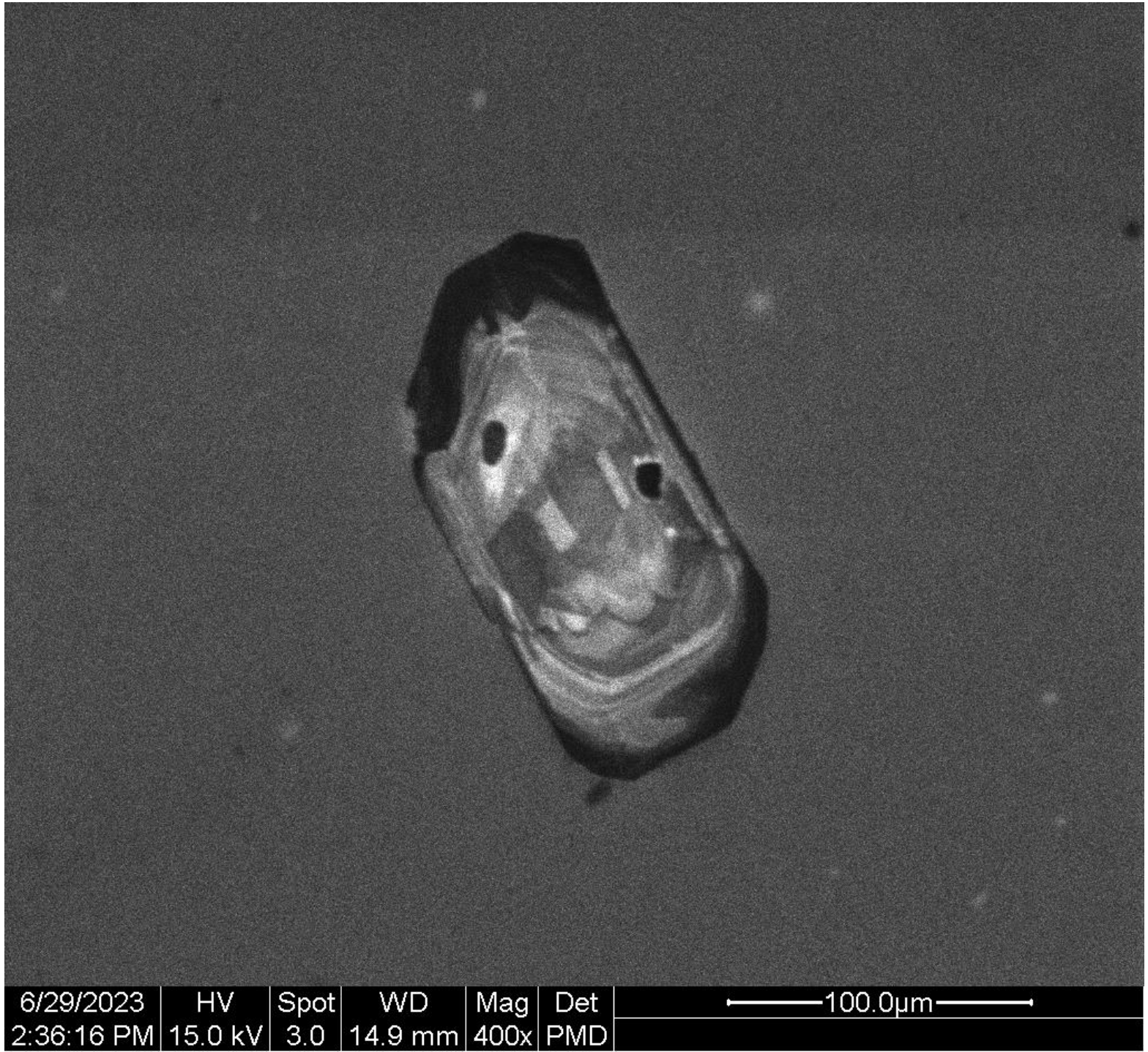
CG23CR06-CL_052.tif

No analysis. Grain too small.



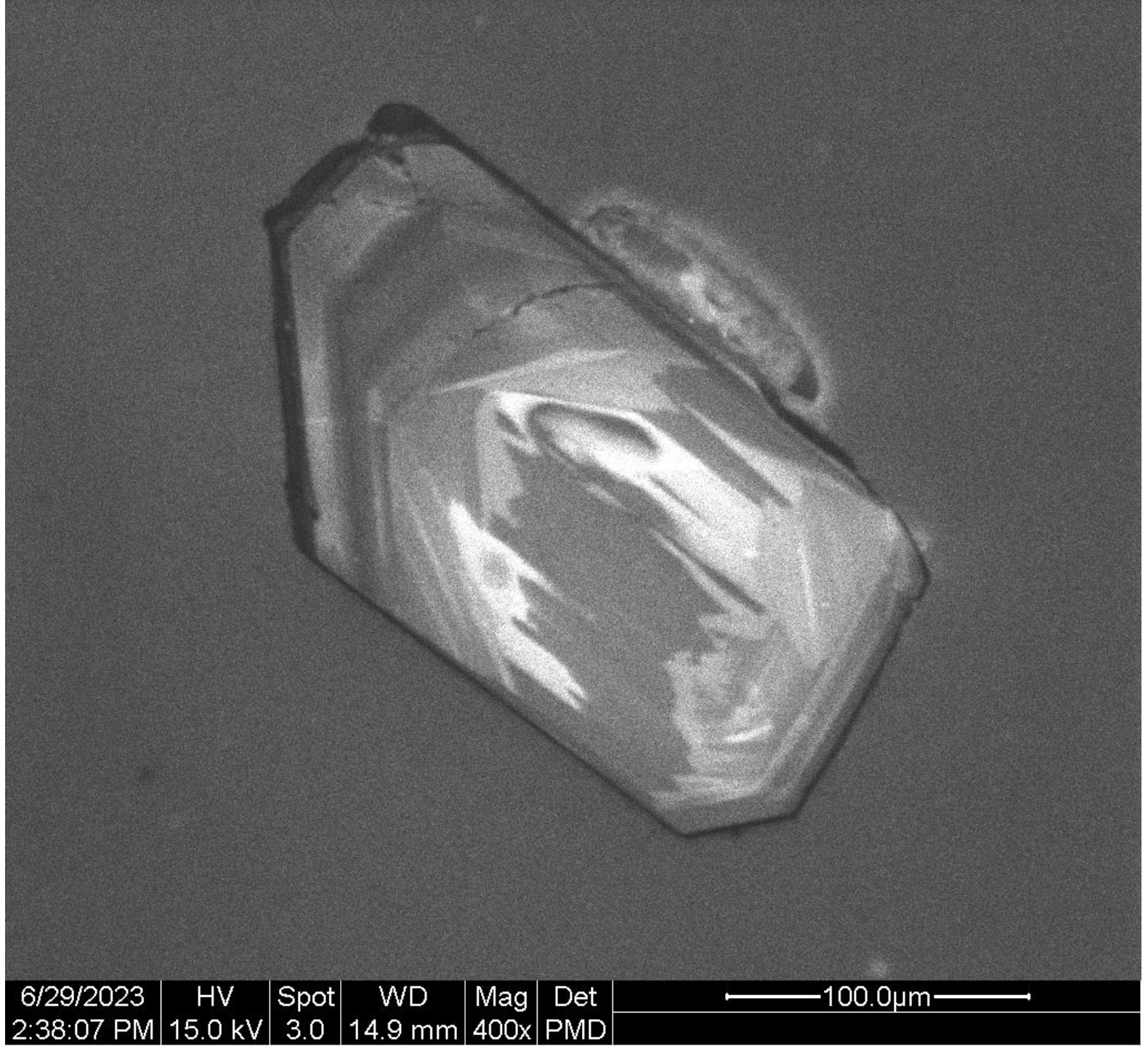
CG23CR06-CL_053.tif

No analysis. Grain too fractured/altered.



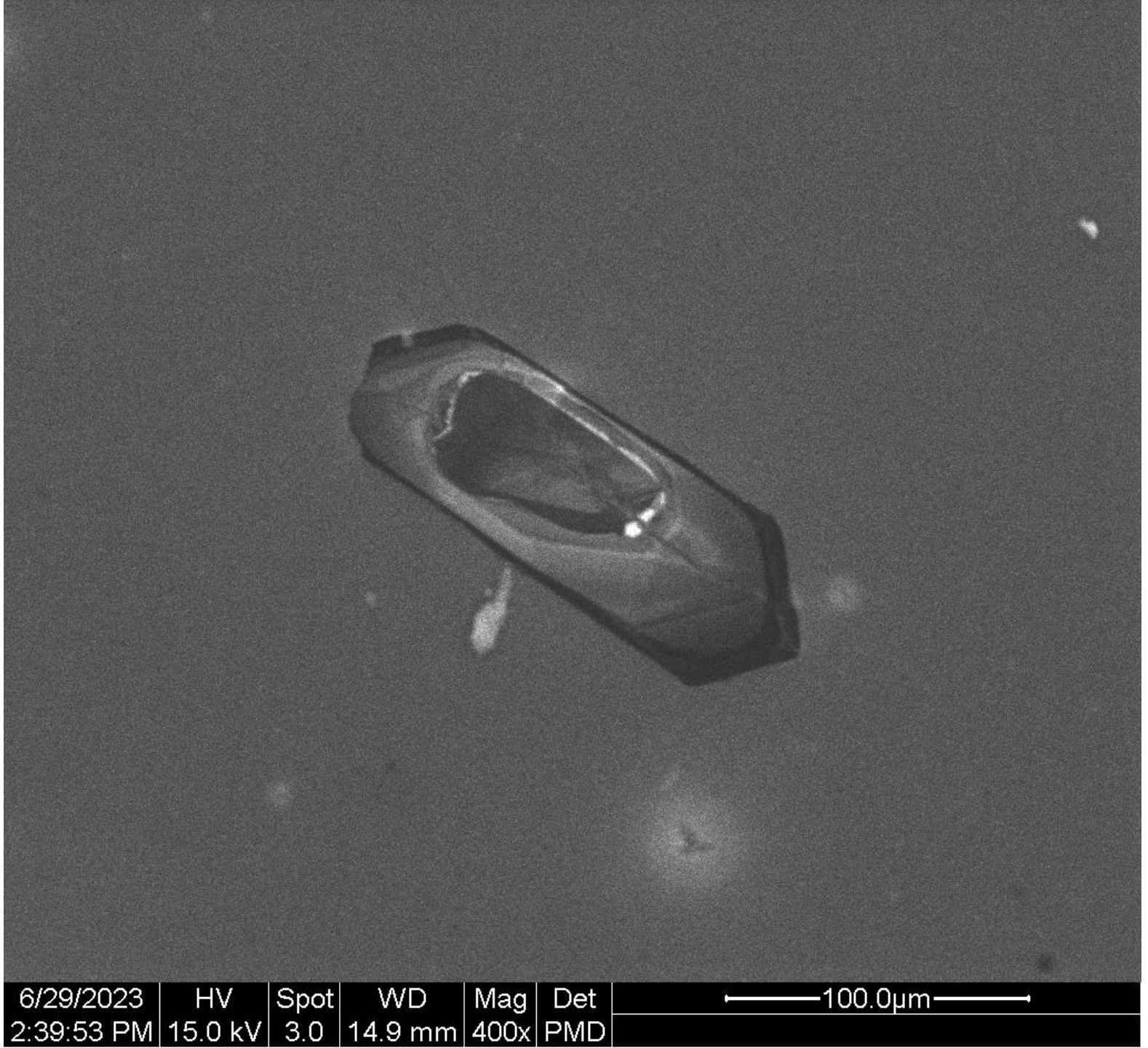
CG23CR06-CL_054.tif

No analysis. Grain too altered/no clear distinguishable zones.



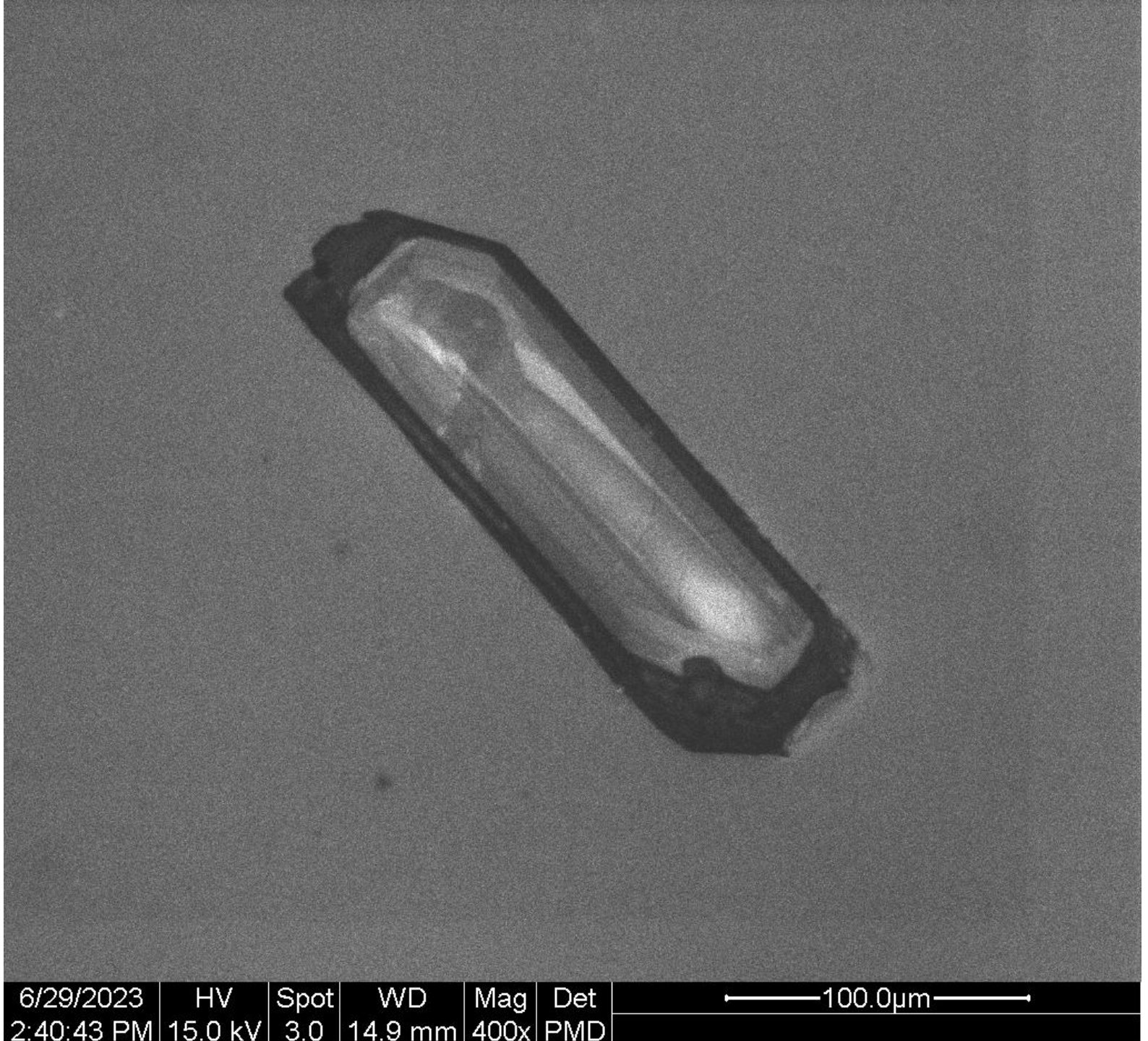
CG23CR06-CL_055.tif

No analysis. Zones too small/too many fractures.



CG23CR06-CL_056.tif

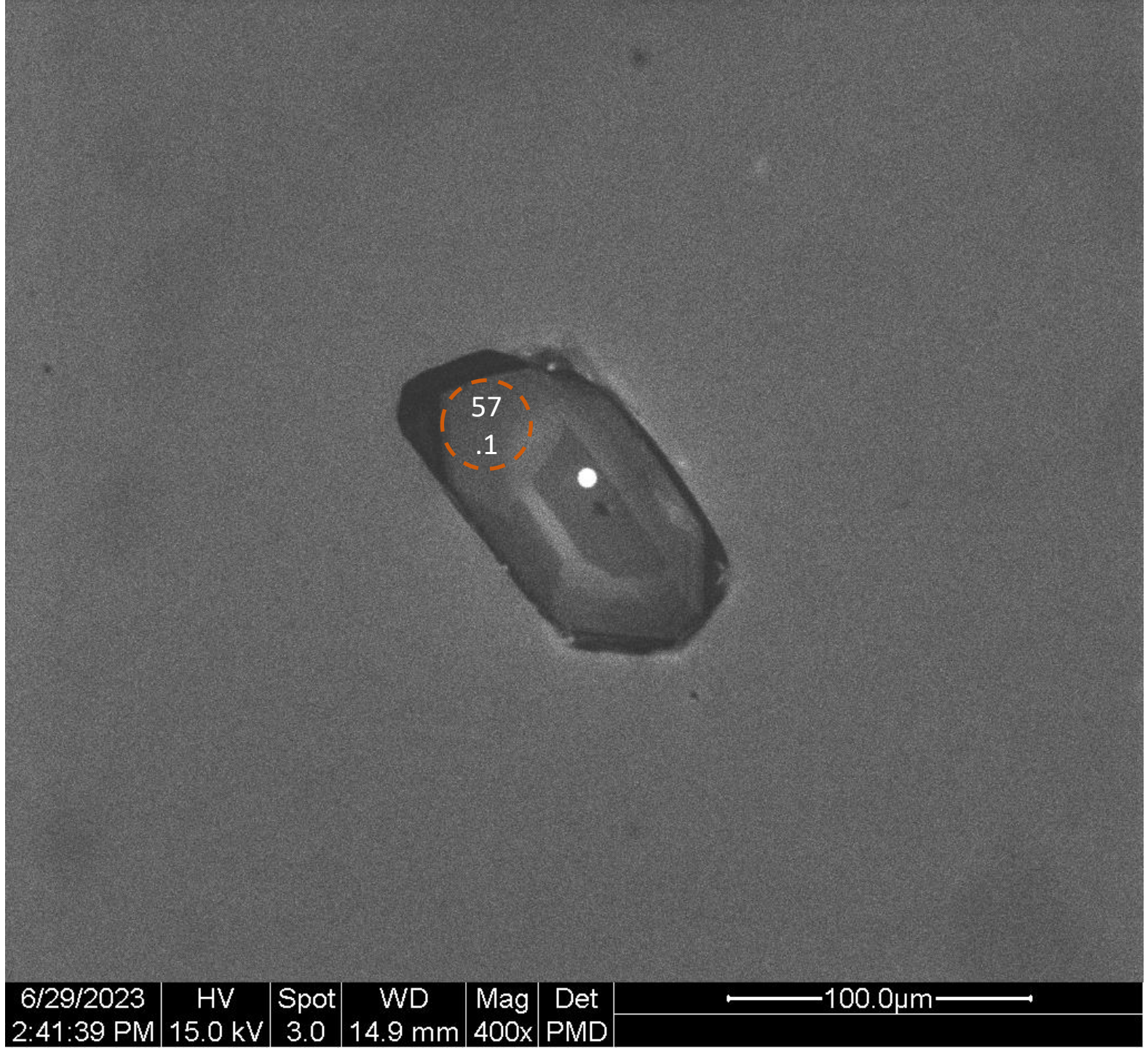
No analysis. Zones too small.



CG23CR06-CL_057.tif

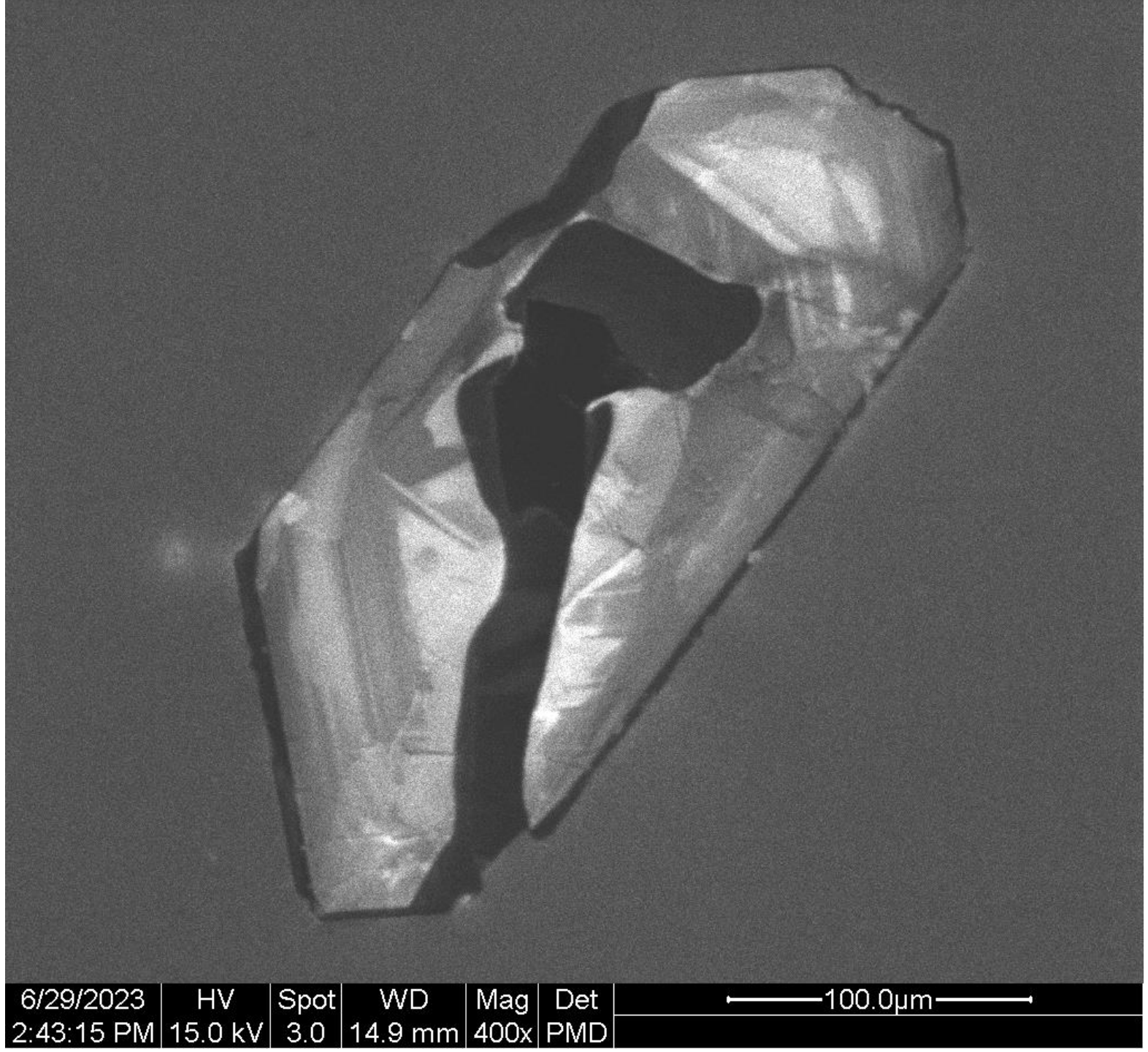
1x U-Pb

57.1



CG23CR06-CL_058.tif

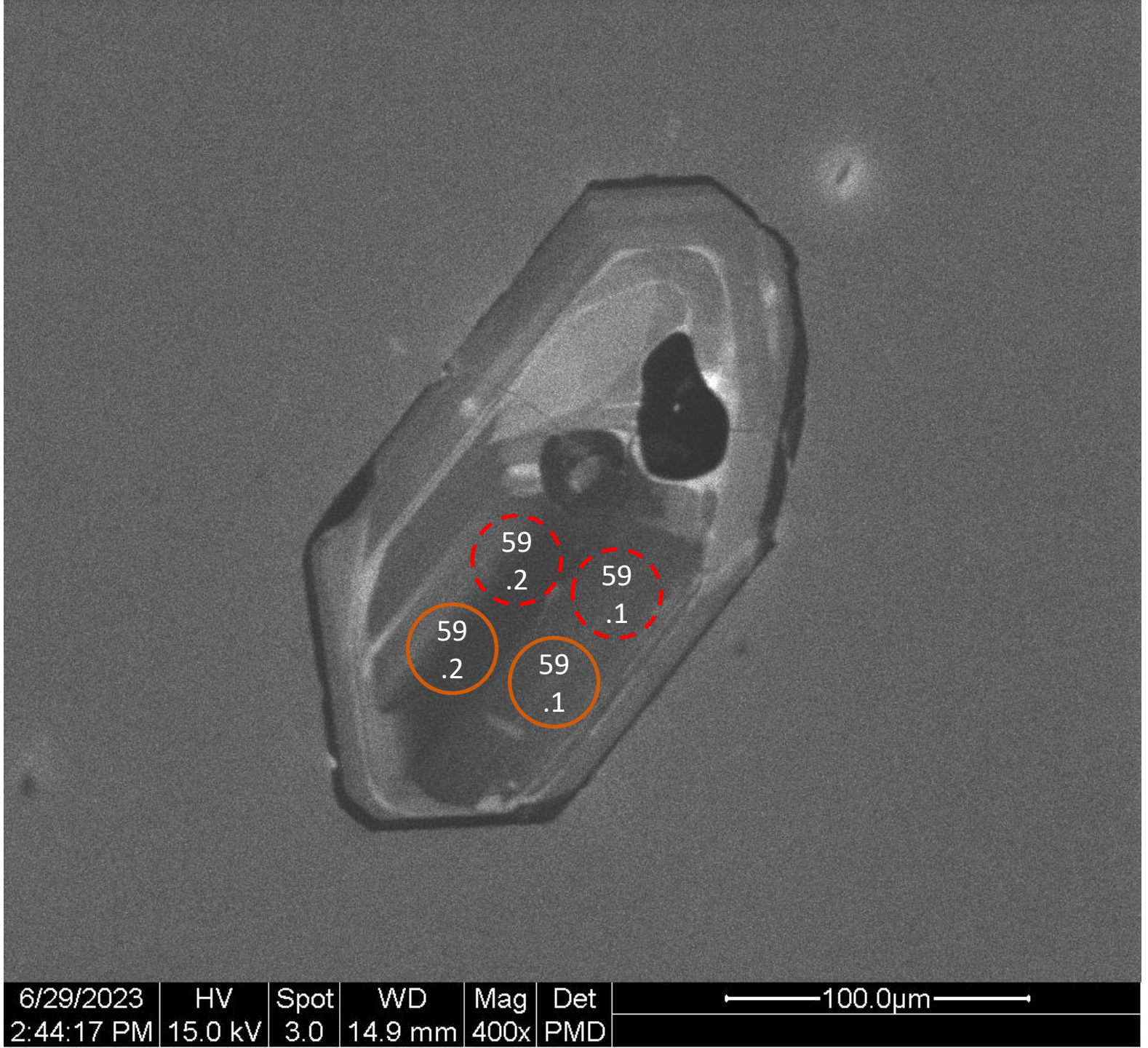
No analysis. Grain is far too altered/zones too small/too many fractures, inclusions.



CG23CR06-CL_059.tif

2x U-Pb

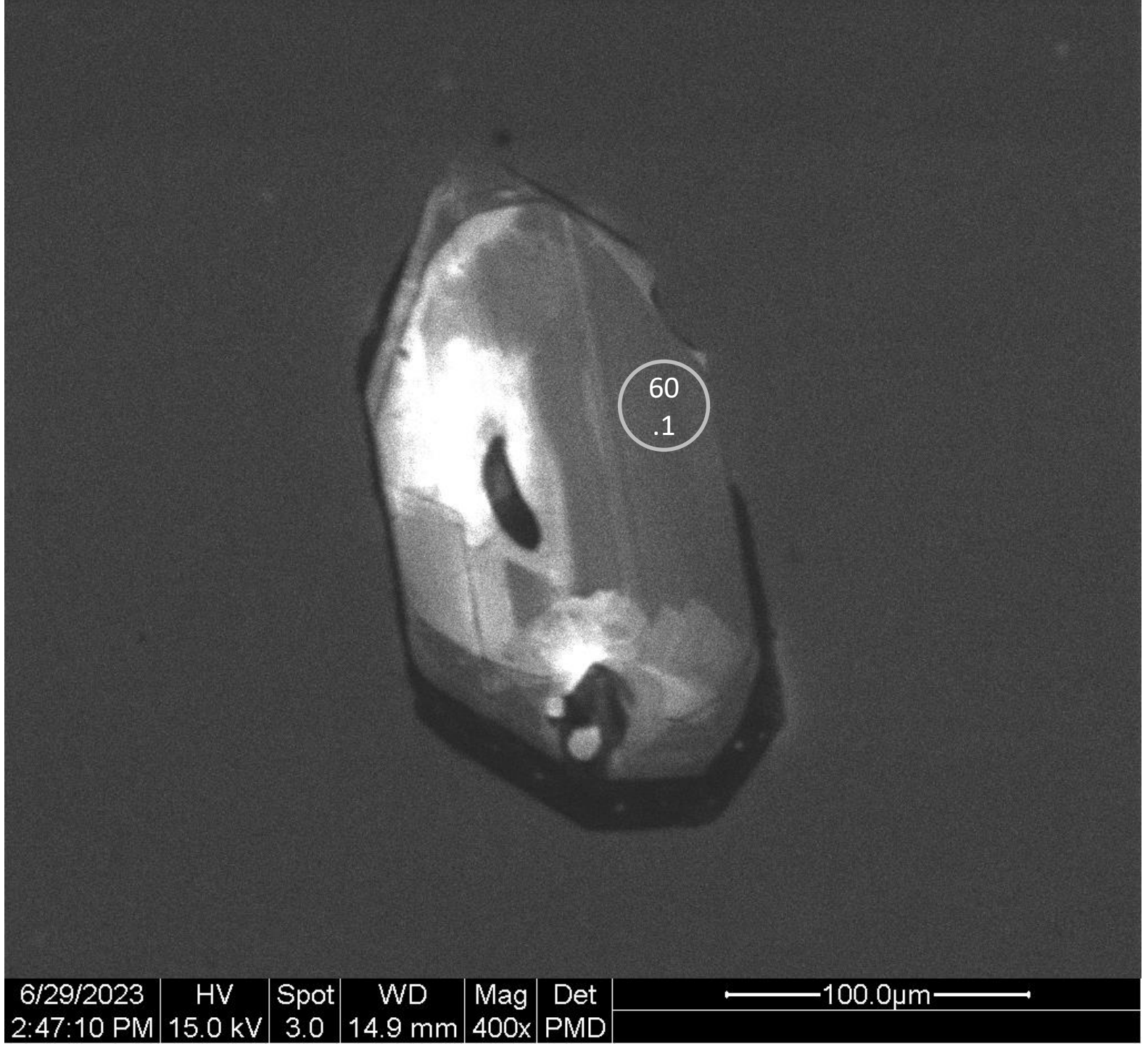
59.1, 59.2



CG23CR06-CL_060.tif

1x U-Pb

60.1

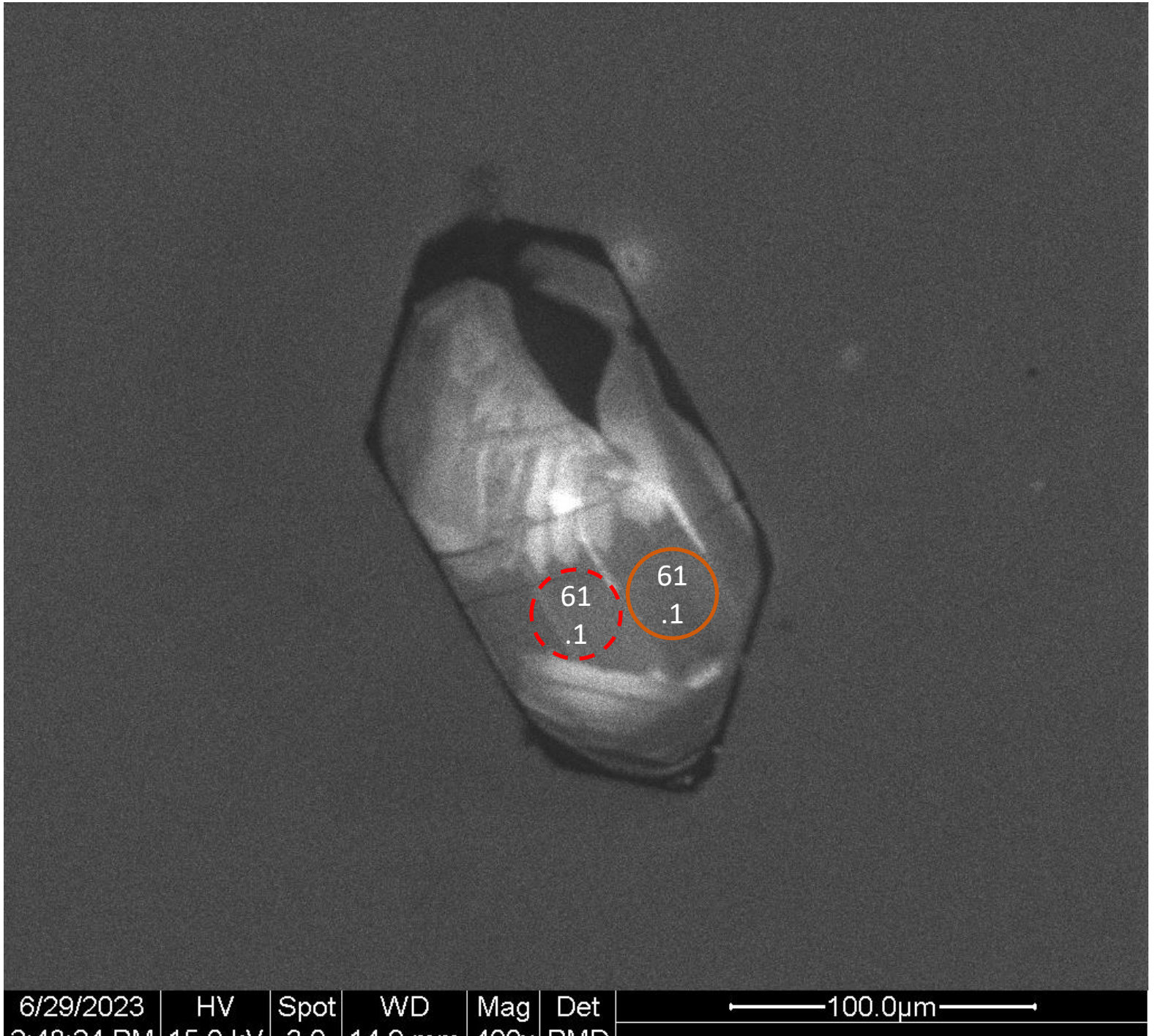


CG23CR06-CL_061.tif

1x U-Pb

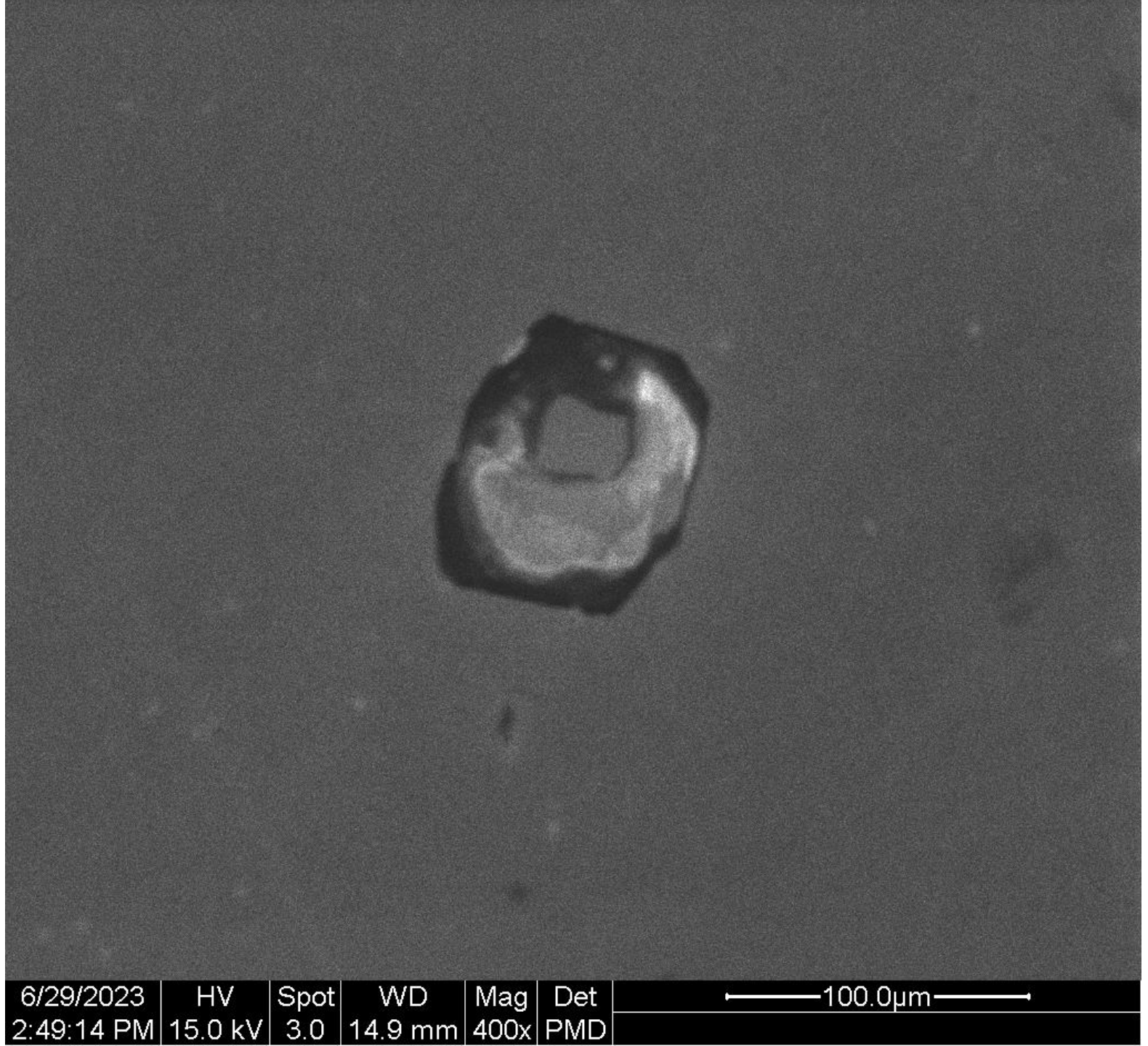
61.1

Oldest antecryst / earliest zircon growth in CR-06.



CG23CR06-CL_062.tif

Grain too small.



CG23CR06-CL_063.tif

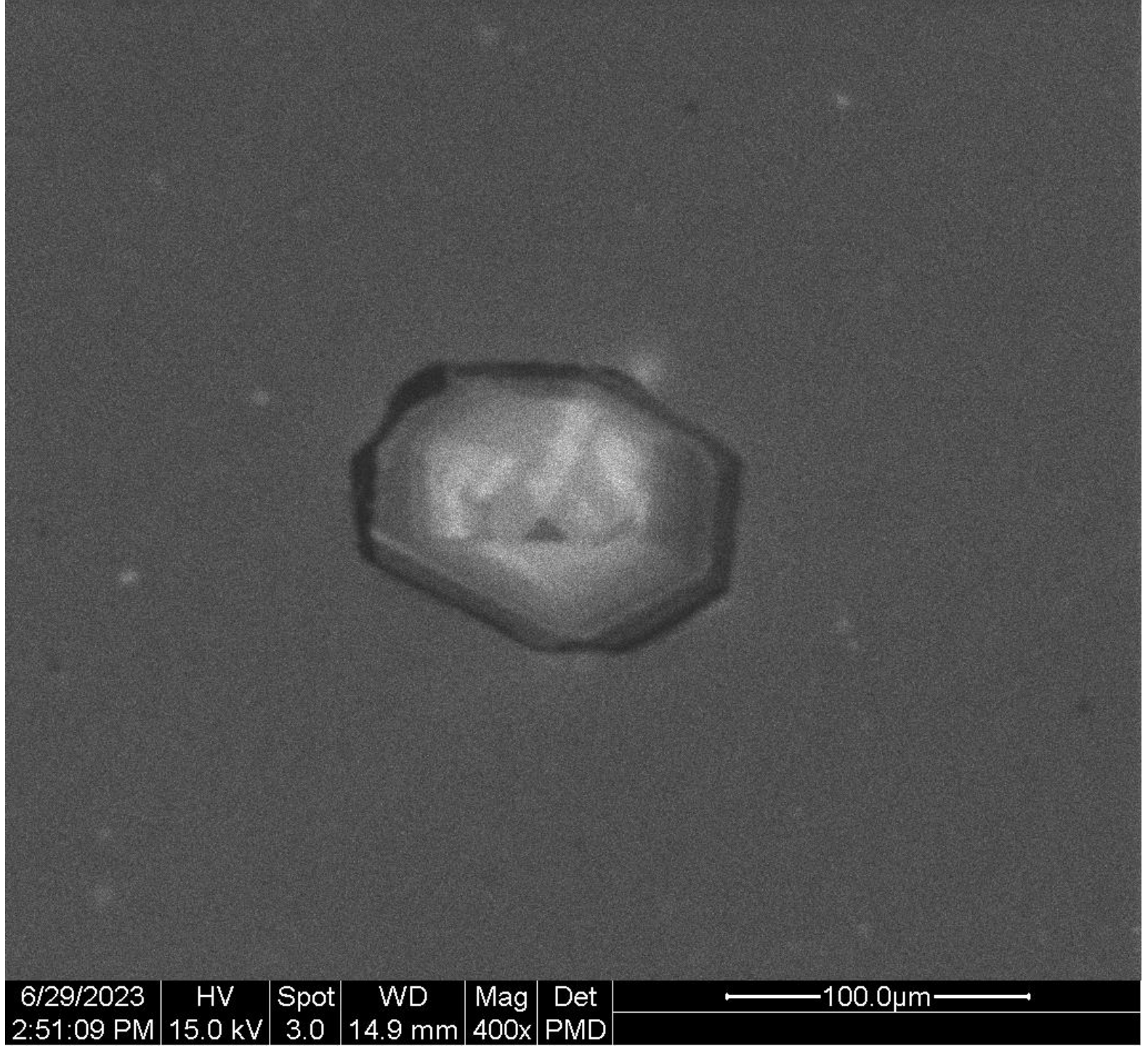
1 x U-Pb

63.1



CG23CR06-CL_064.tif

Grain too small.



CG23CR06-CL_065.tif

2x U-Pb

65.1, 65.2

