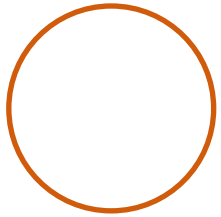
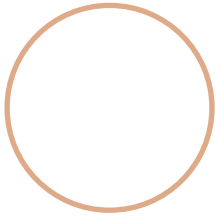


Rejected spots due to probable Pb loss, common Pb or incorrect age relationships (i.e., core younger than rim)

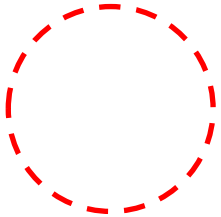


Core spots. Only spots included in $^{206}Pb/^{238}U$ weighted mean age calculation. Probably a mix of Pb loss cores and true antecrysts



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

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

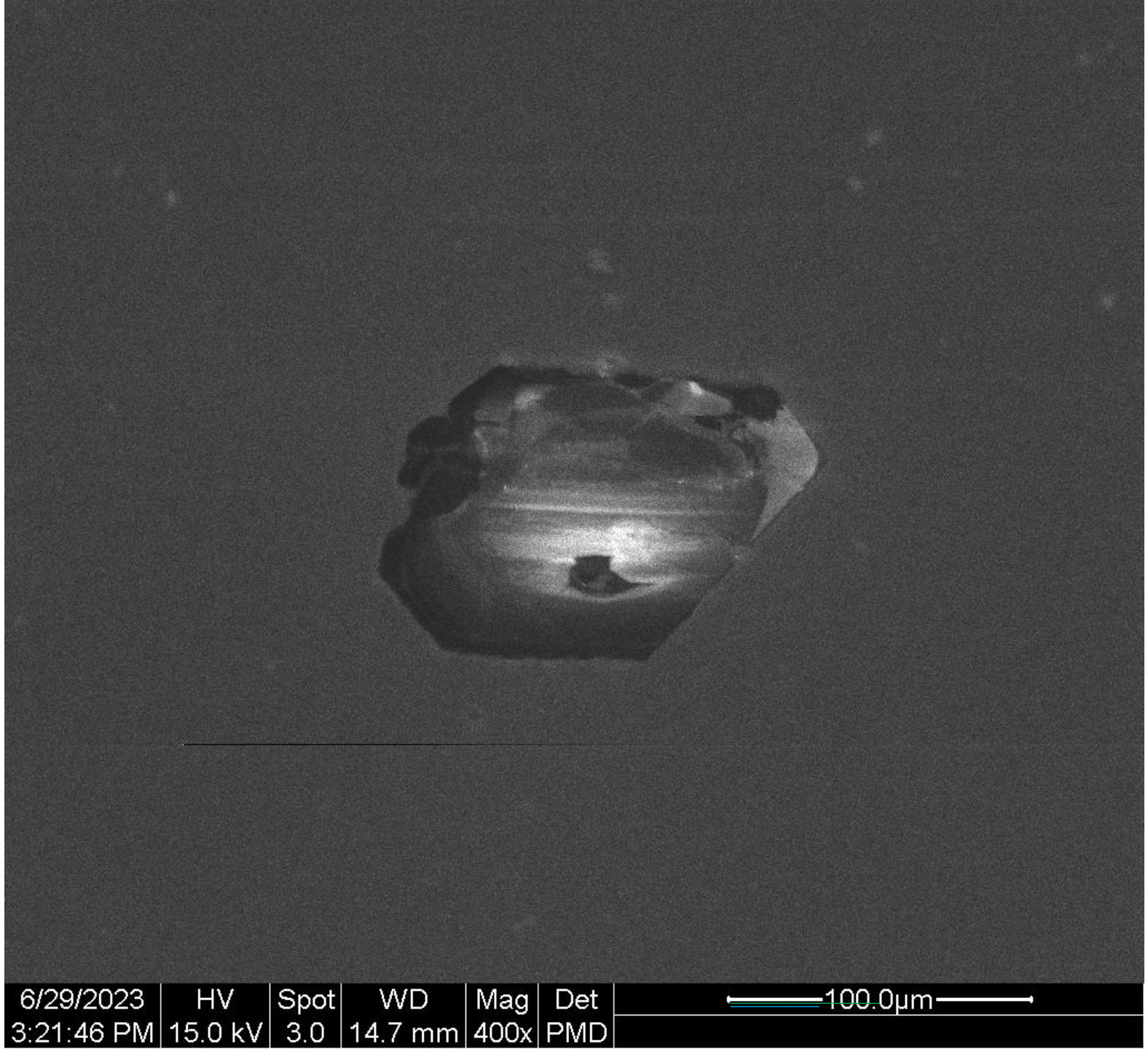


Trace element spots

Spot colours correlate to cores and rejected spots on the associated CR-08 concordia and weighted mean plot (Figure 4.1).

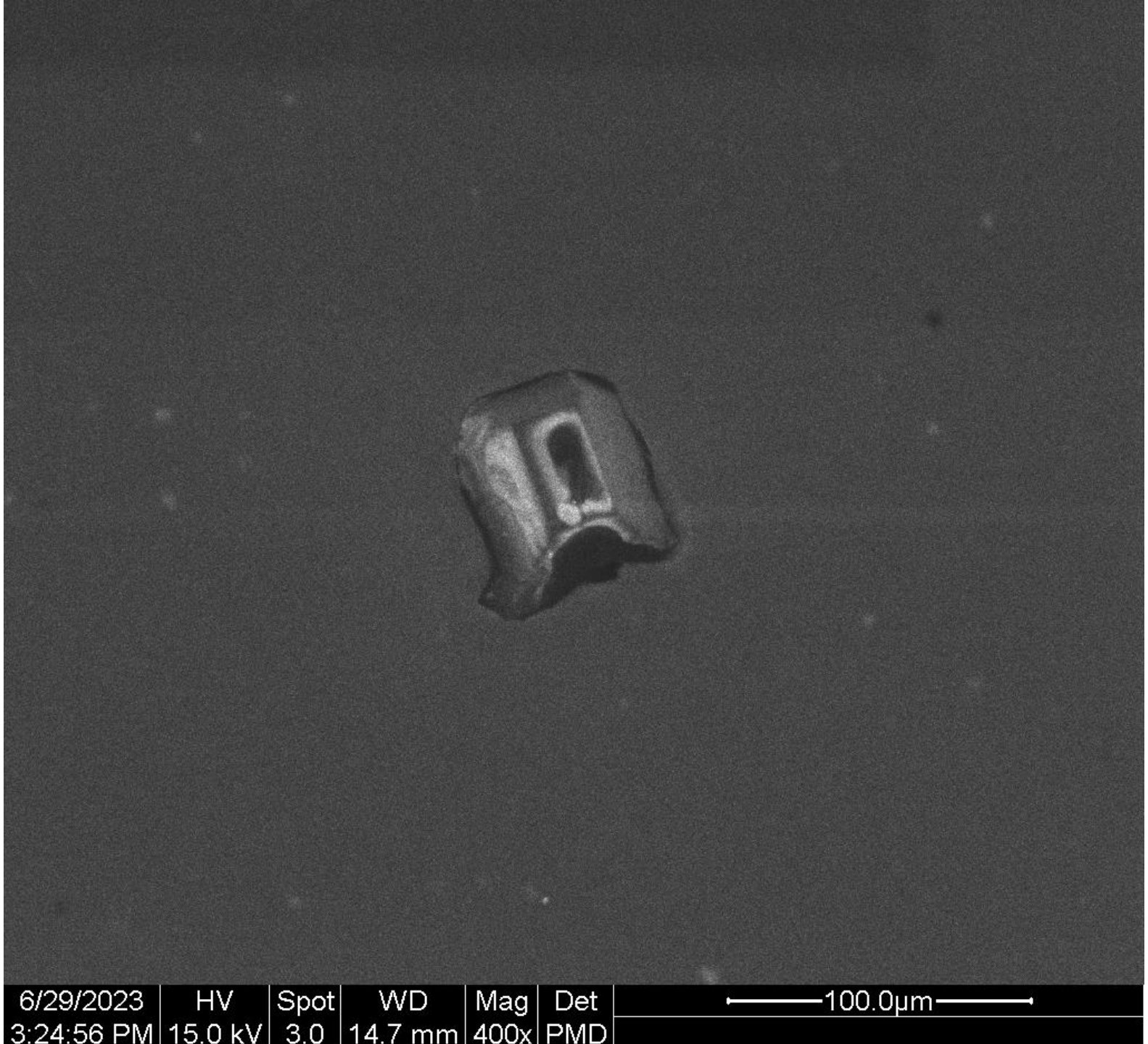
CG23CR08-CL_001.tif

No analysis. Grain too small/fractured.



CG23CR08-CL_002.tif

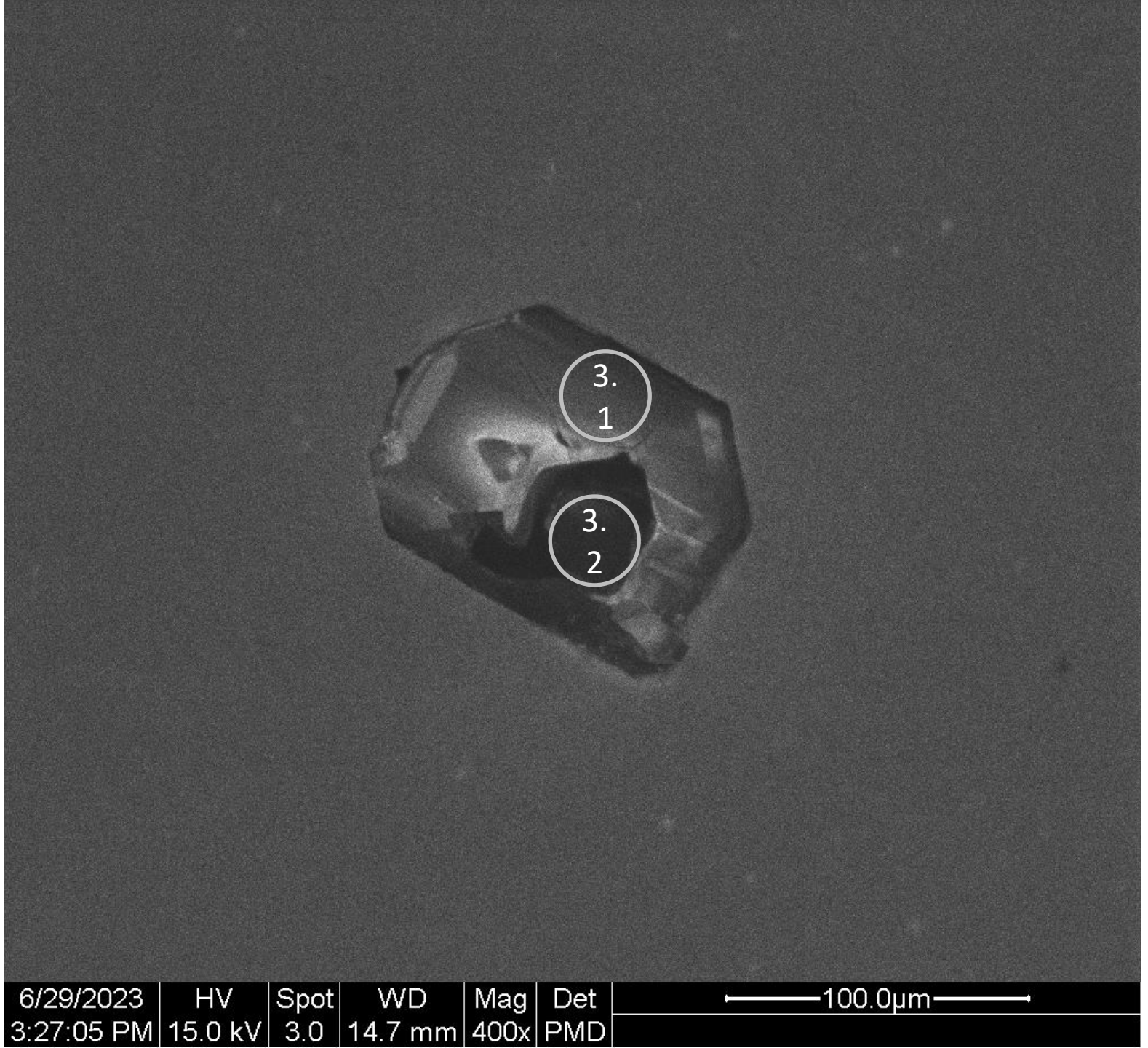
No analysis. Grain too small/fractured.



CG23CR08-CL_003.tif

2 x U-Pb

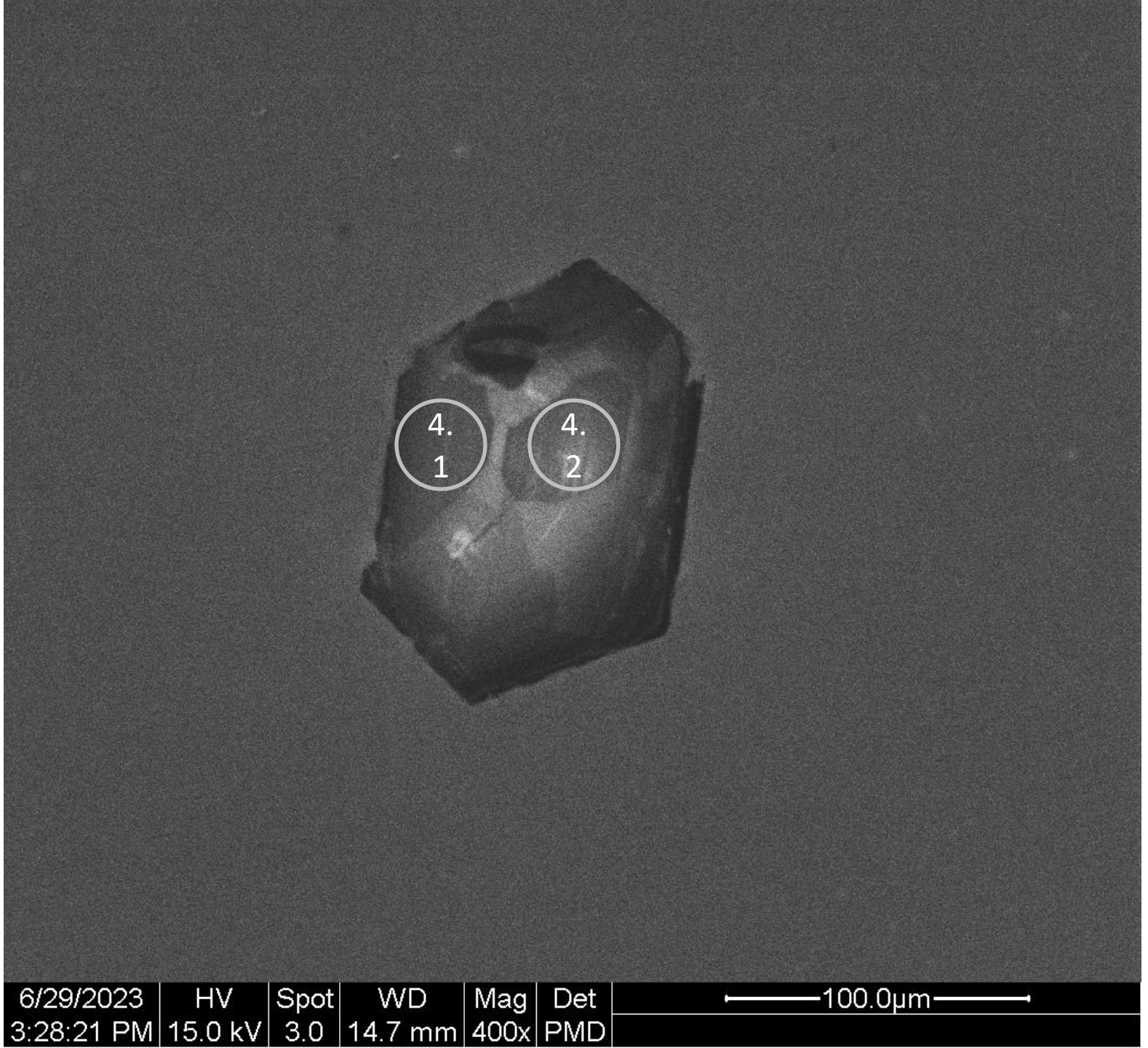
3.1, 3.2



CG23CR08-CL_004.tif

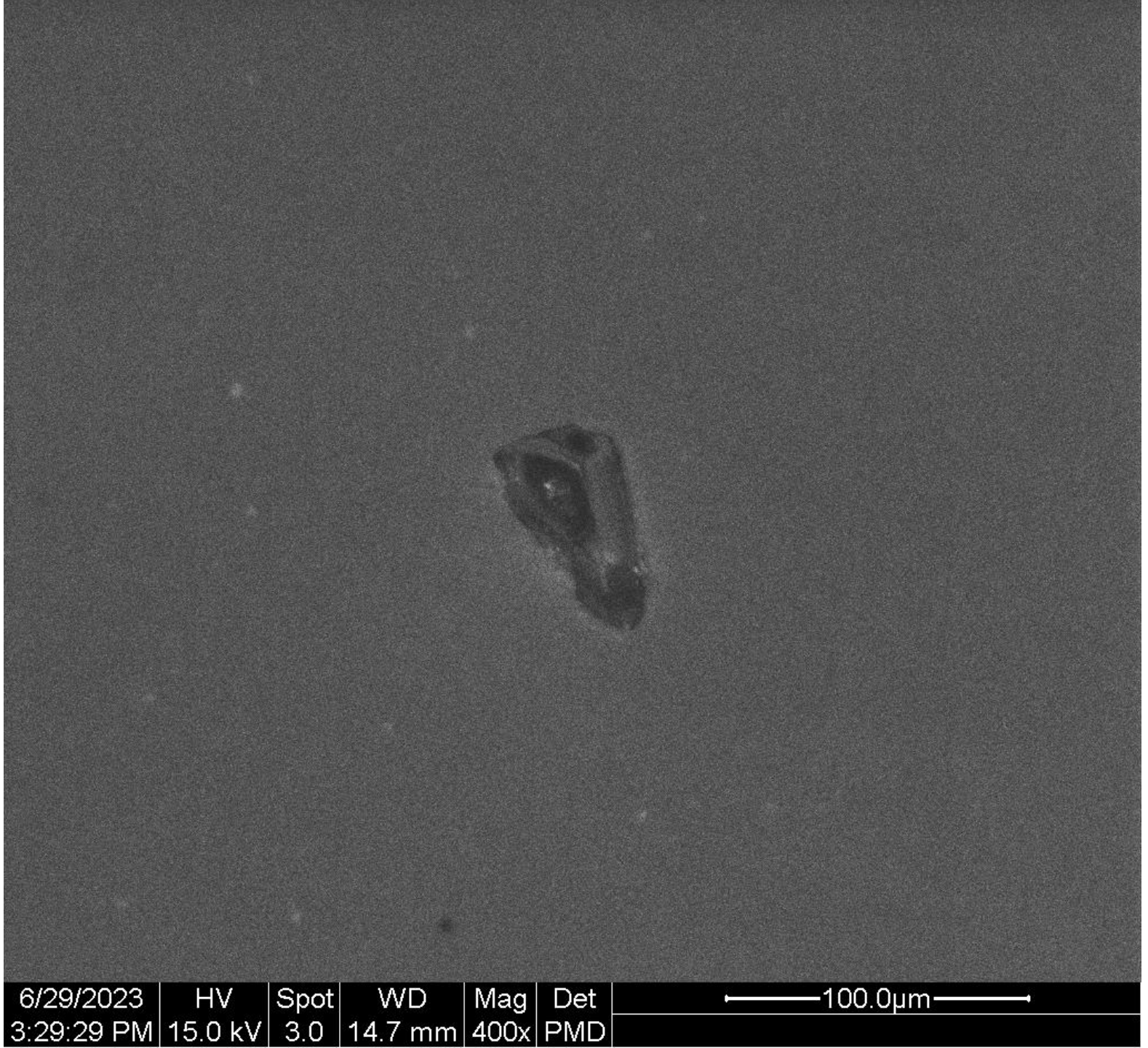
2 x U-Pb

4.1, 4.2



CG23CR08-CL_005.tif

No analysis. Grain too small/fractured.



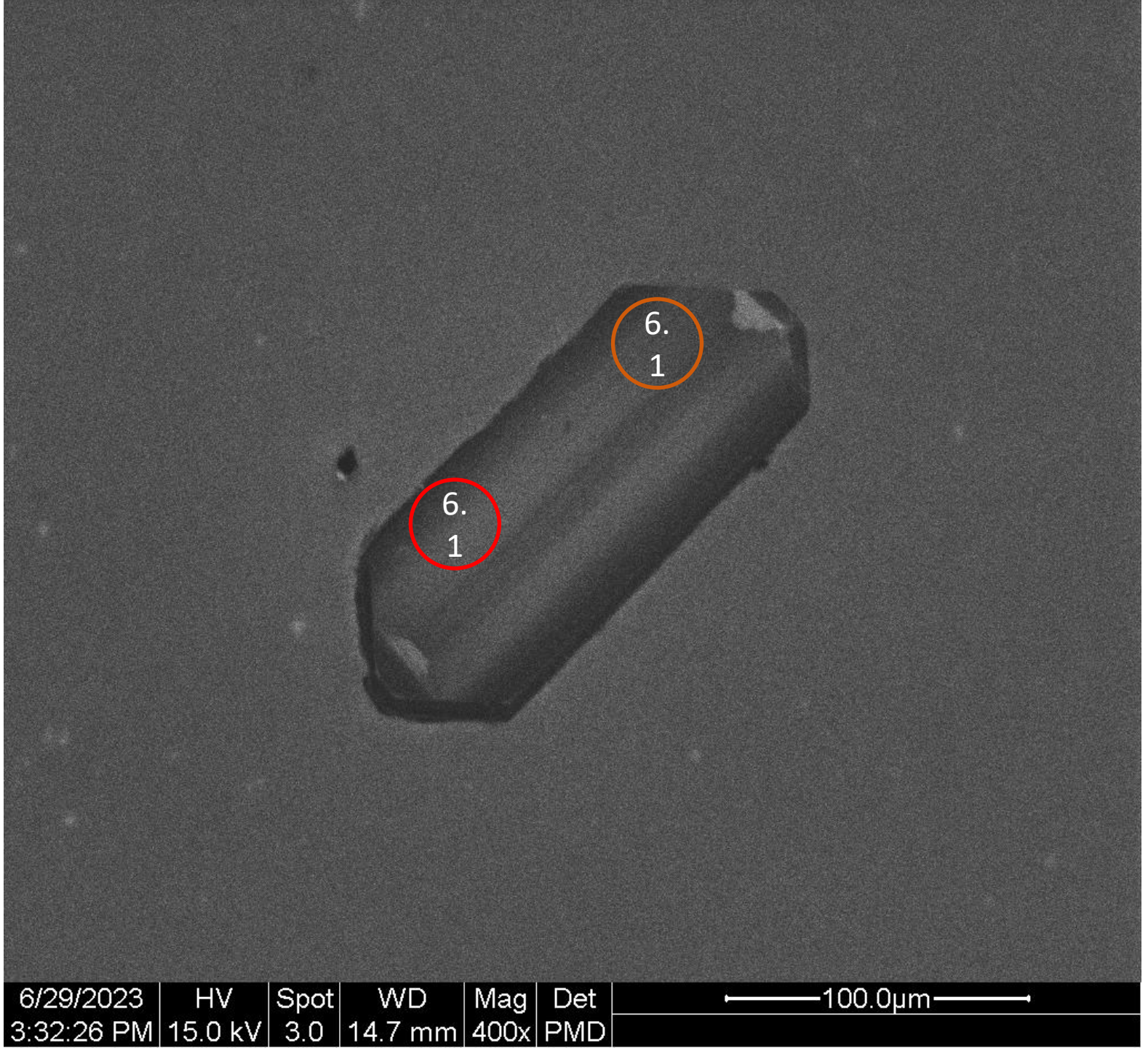
CG23CR08-CL_006.tif

1x U-Pb

6.1

1x TE

6.1



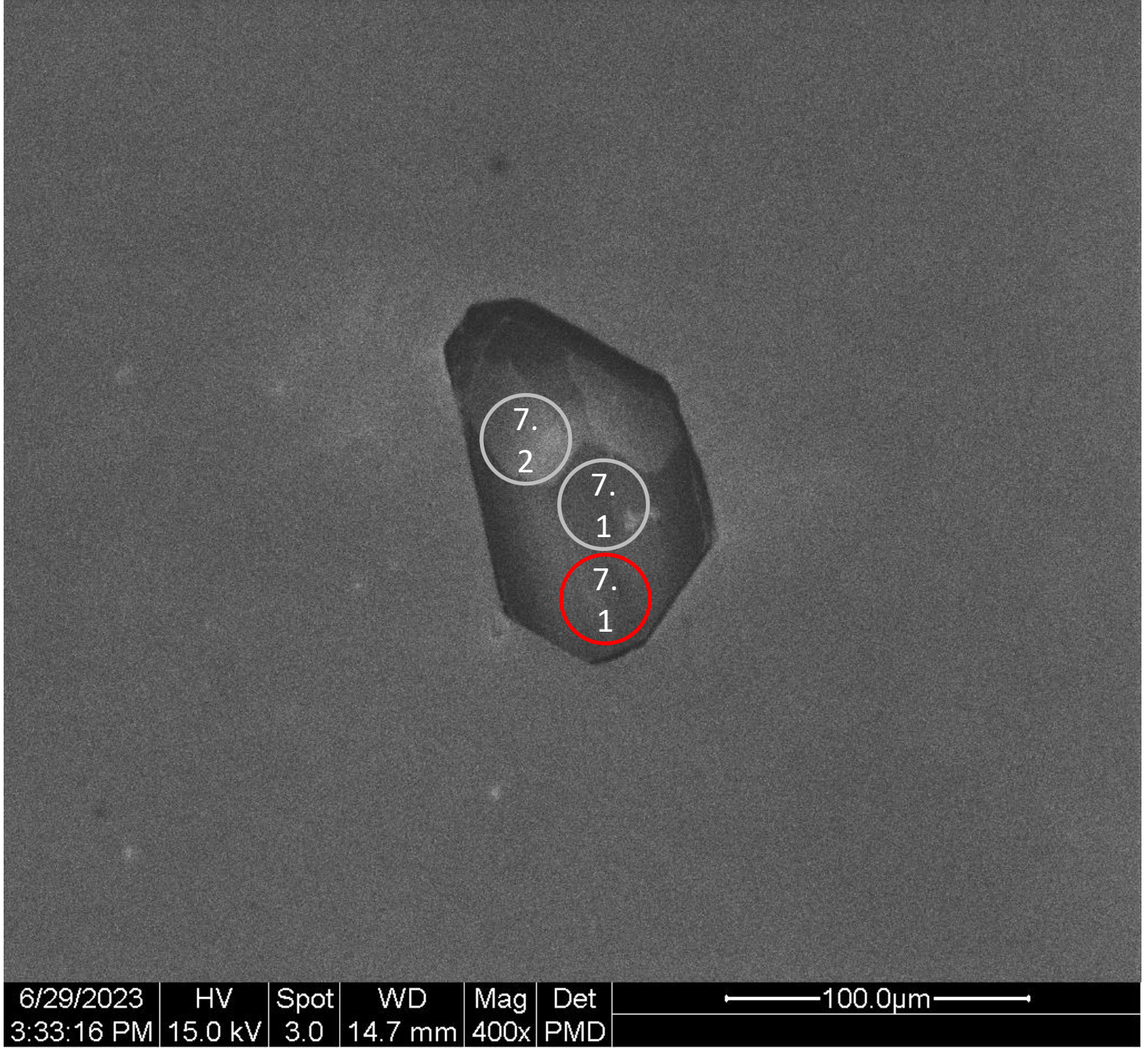
CG23CR08-CL_007.tif

2 x U-Pb

7.1, 7.2

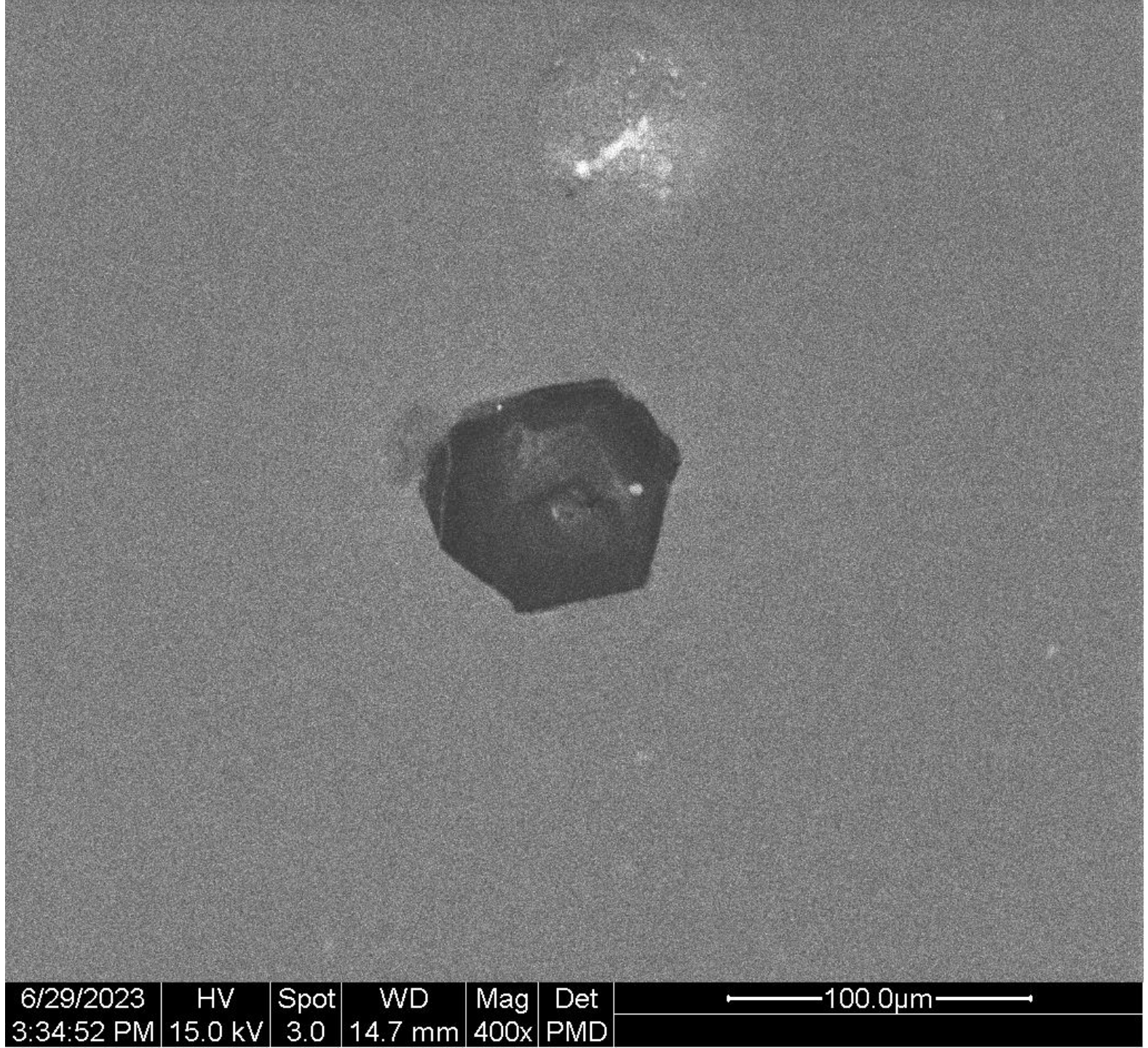
1 x TE

7.1



CG23CR08-CL_008.tif

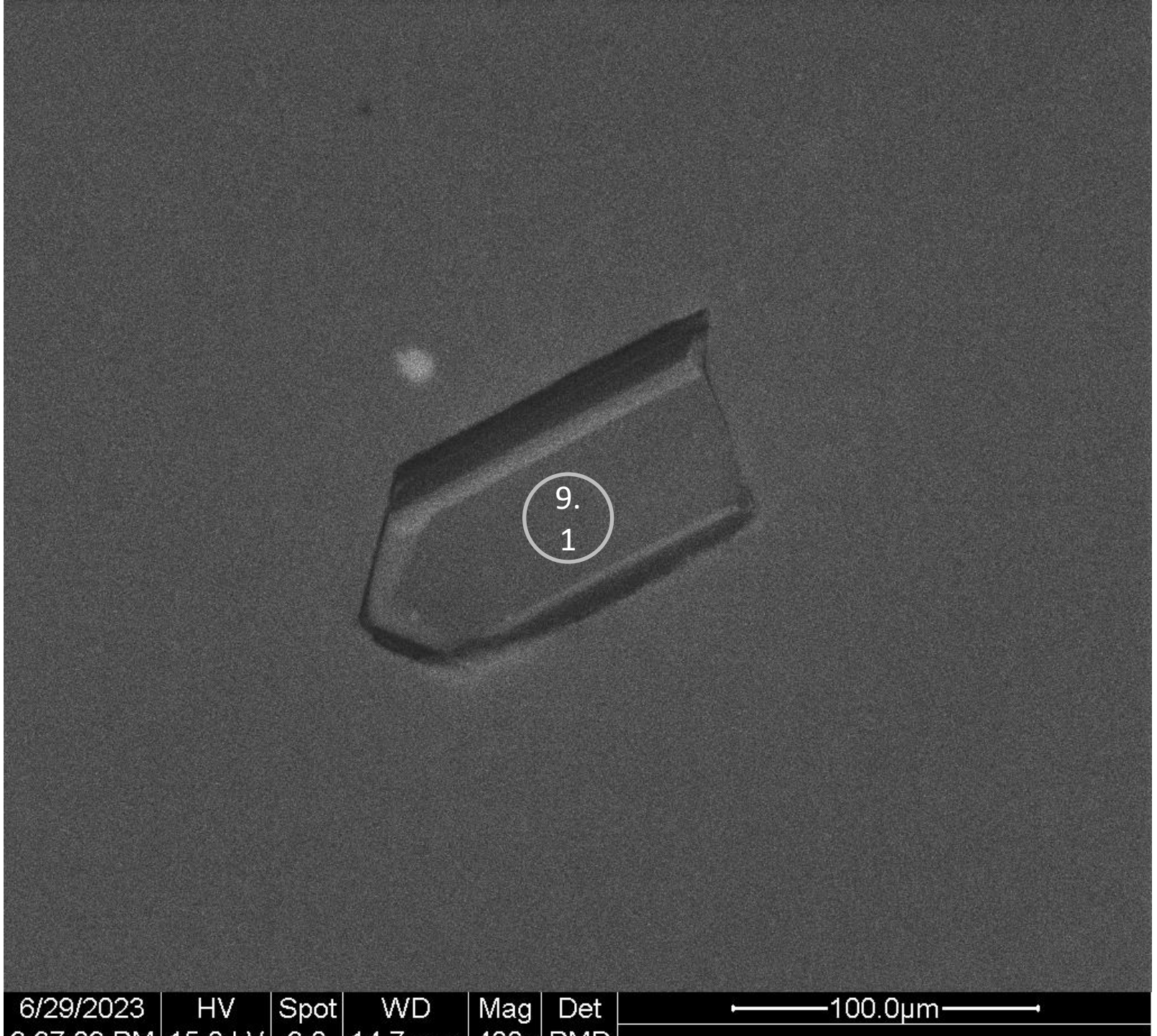
No analysis. Grain too small/fractured.



CG23CR08-CL_009.tif

1 x U-Pb

9.1



CG23CR08-CL_010.tif

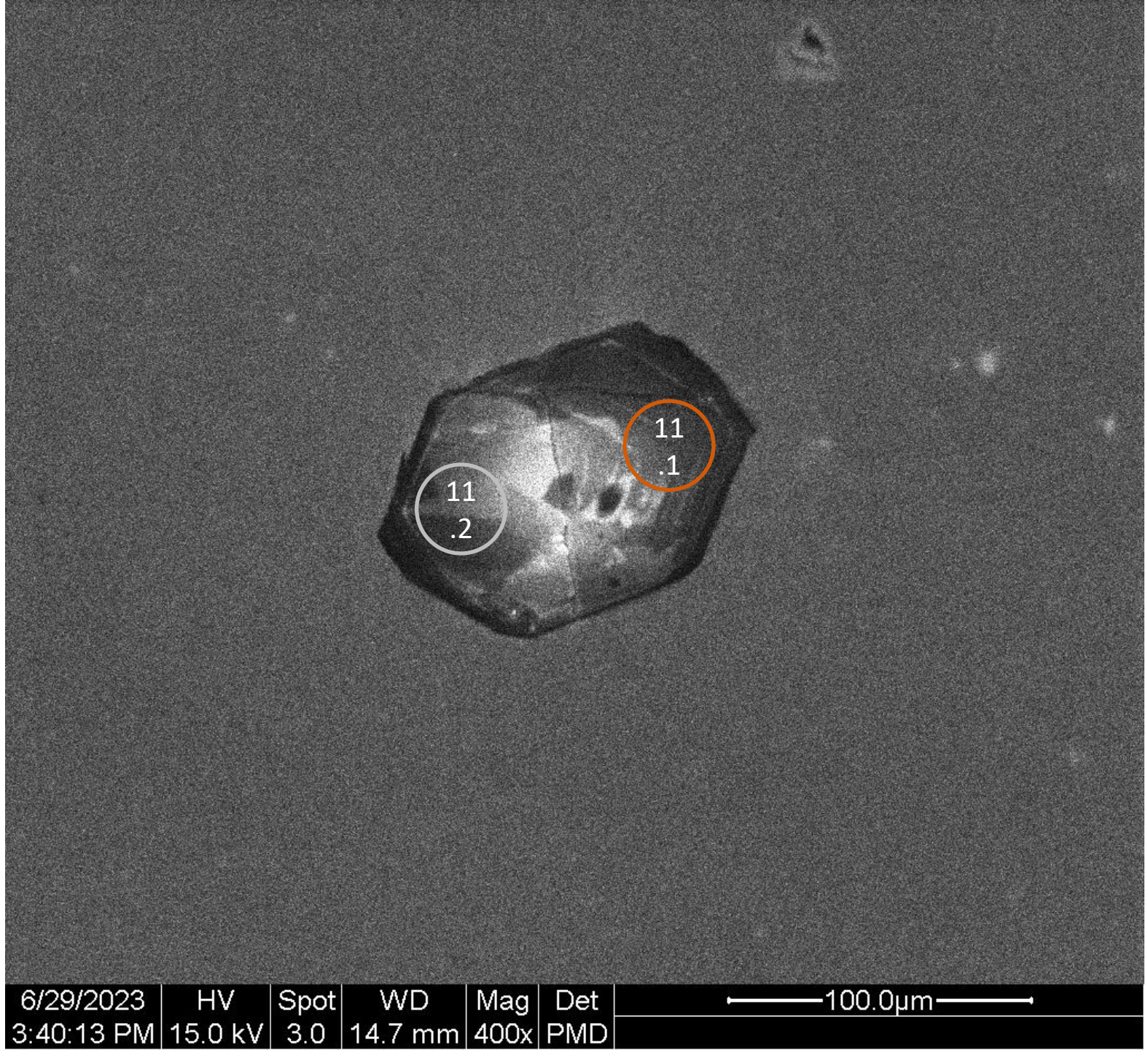
No analysis. Grain too small/fractured.



CG23CR08-CL_011.tif

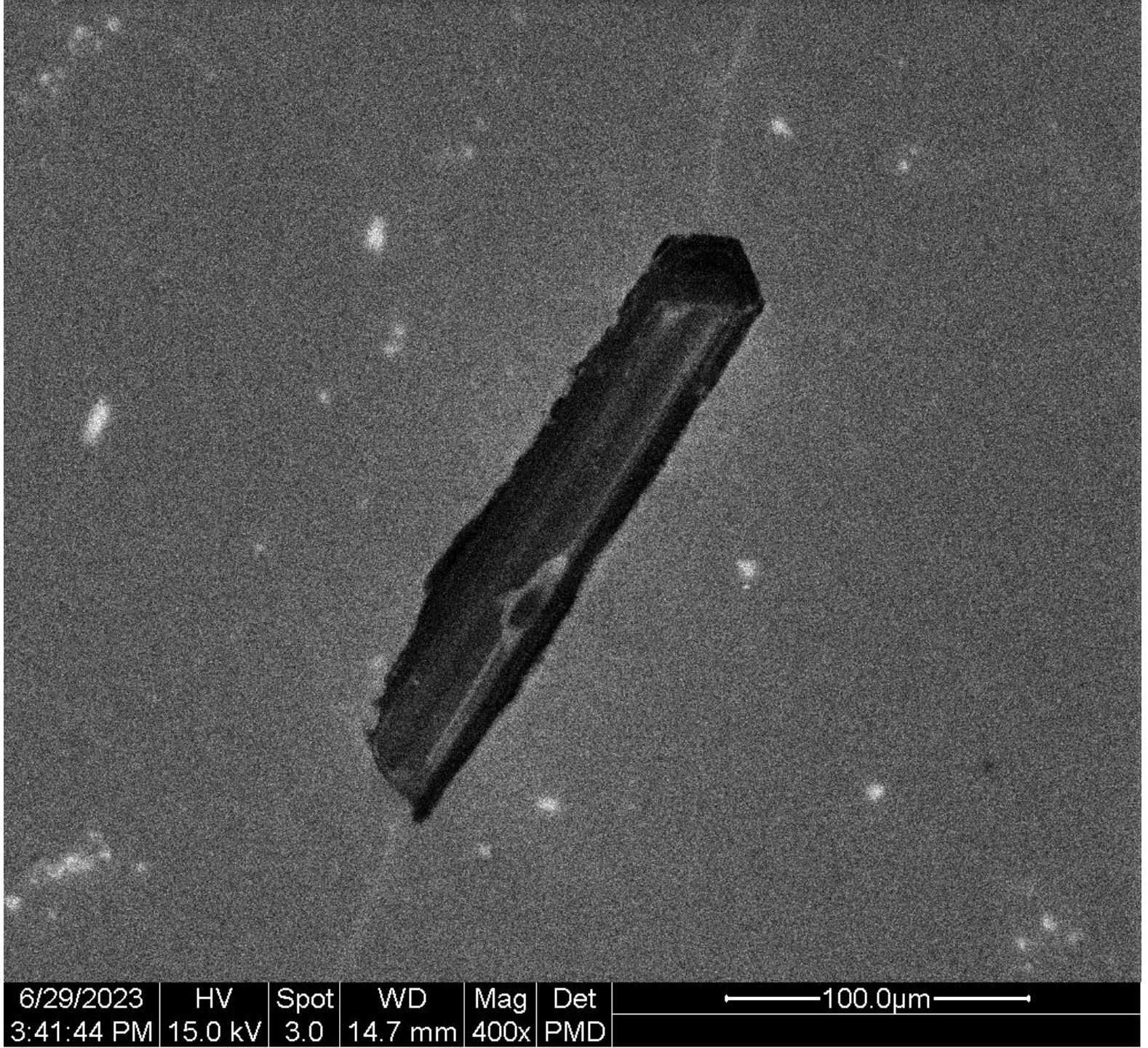
2 x U-Pb

11.1, 11.2



CG23CR08-CL_012.tif

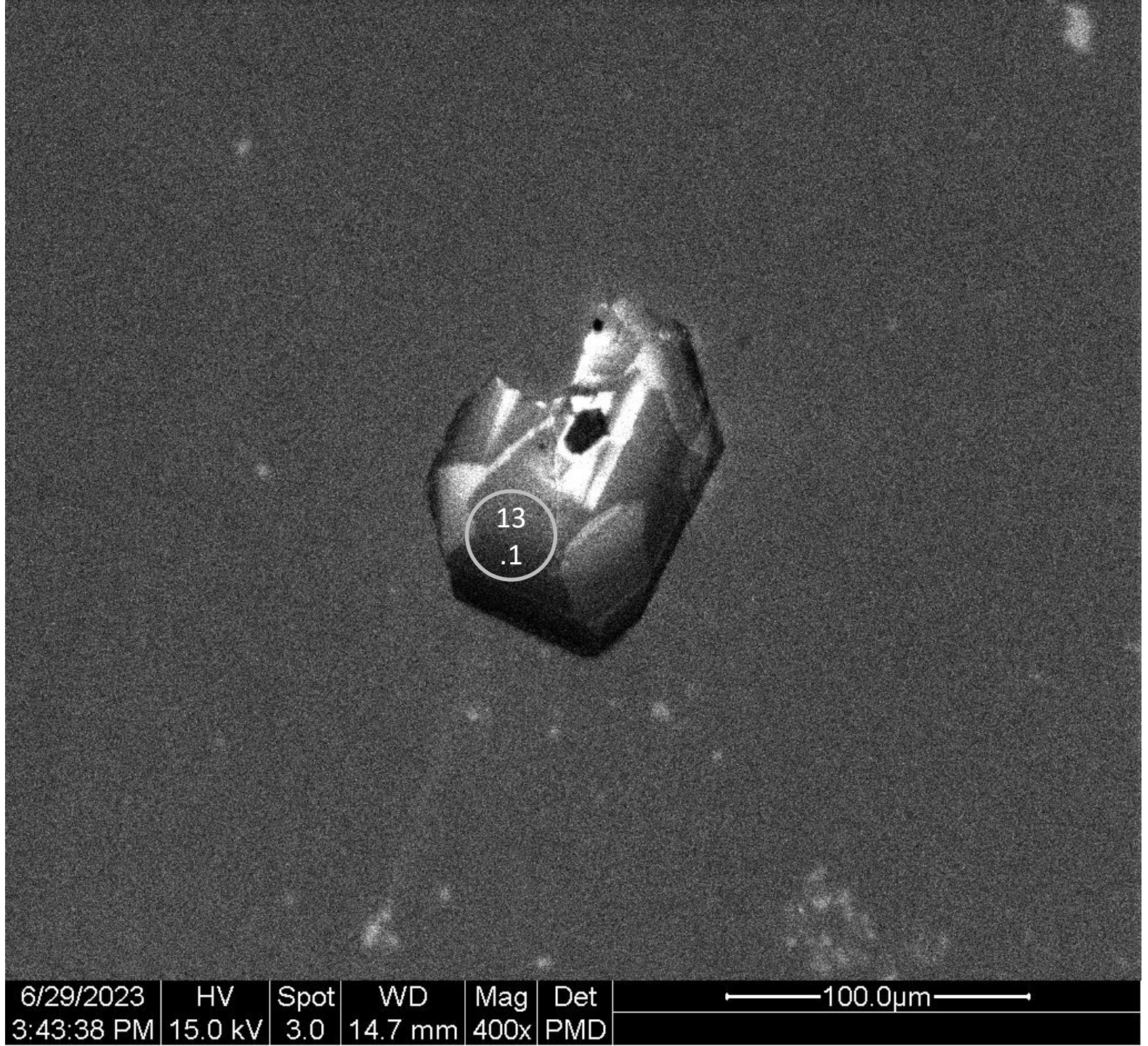
No analysis. Grain too small/fractured.



CG23CR08-CL_013.tif

1x U-Pb

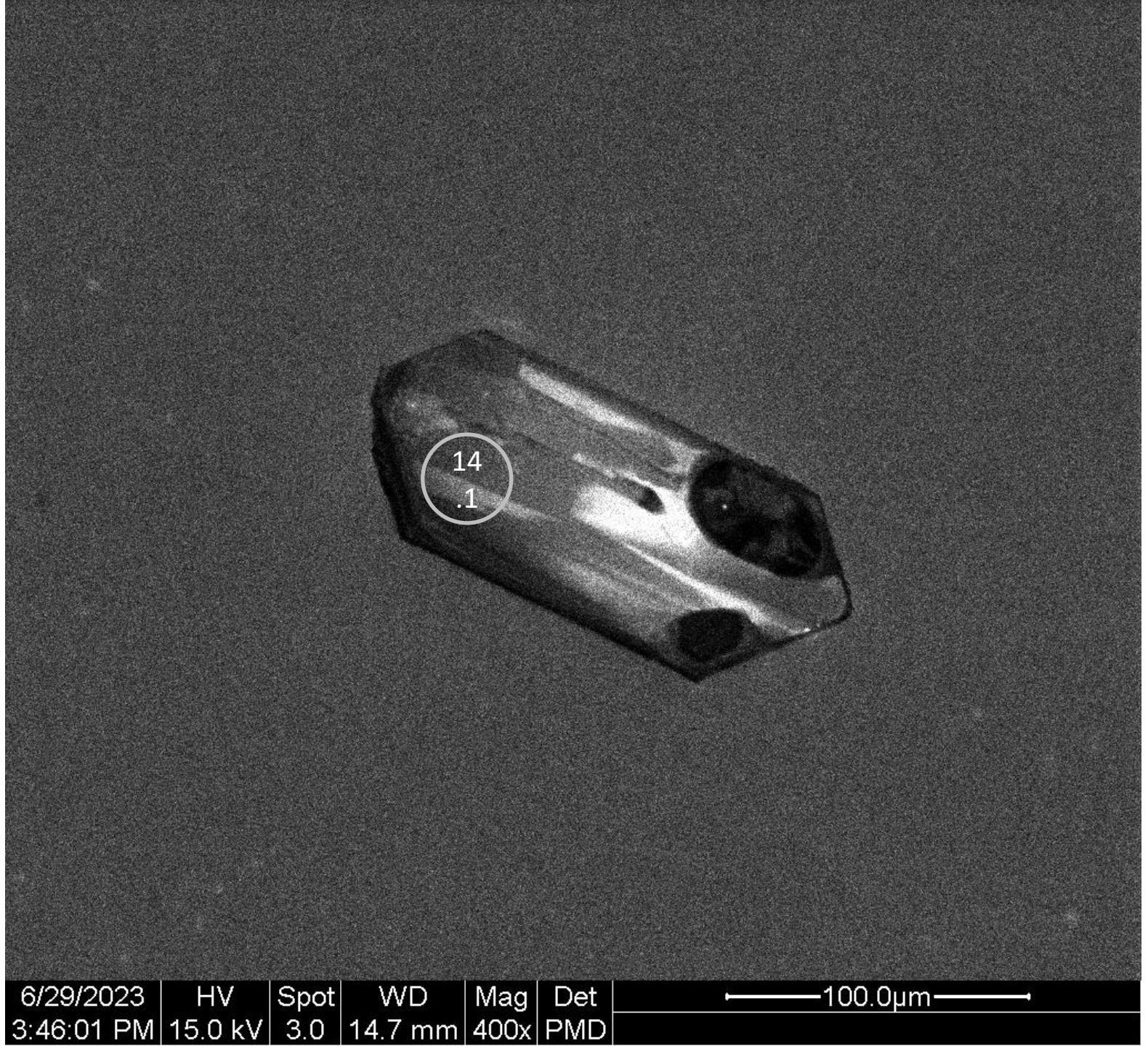
13.1



CG23CR08-CL_014.tif

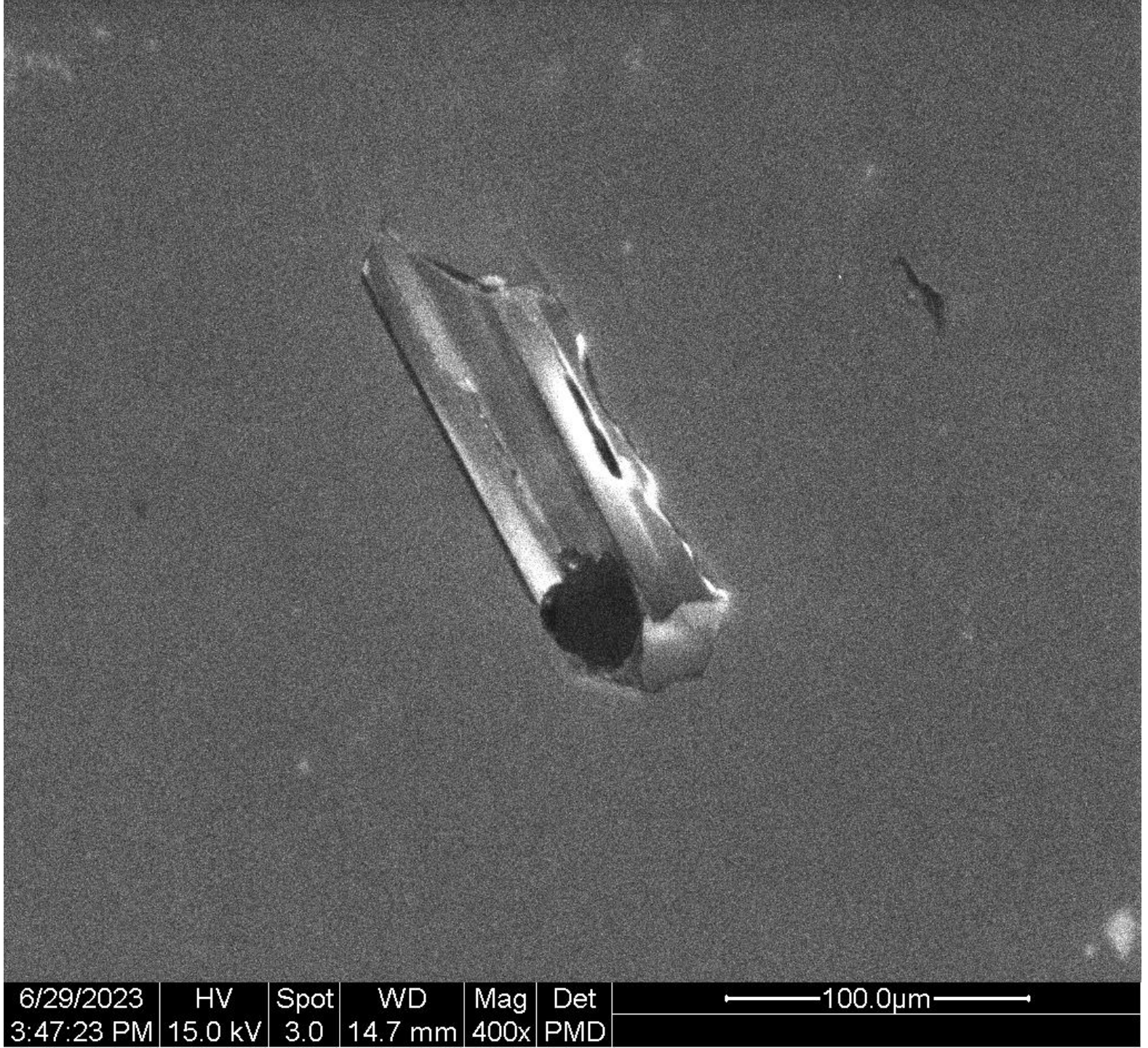
1 x U-Pb

14.1



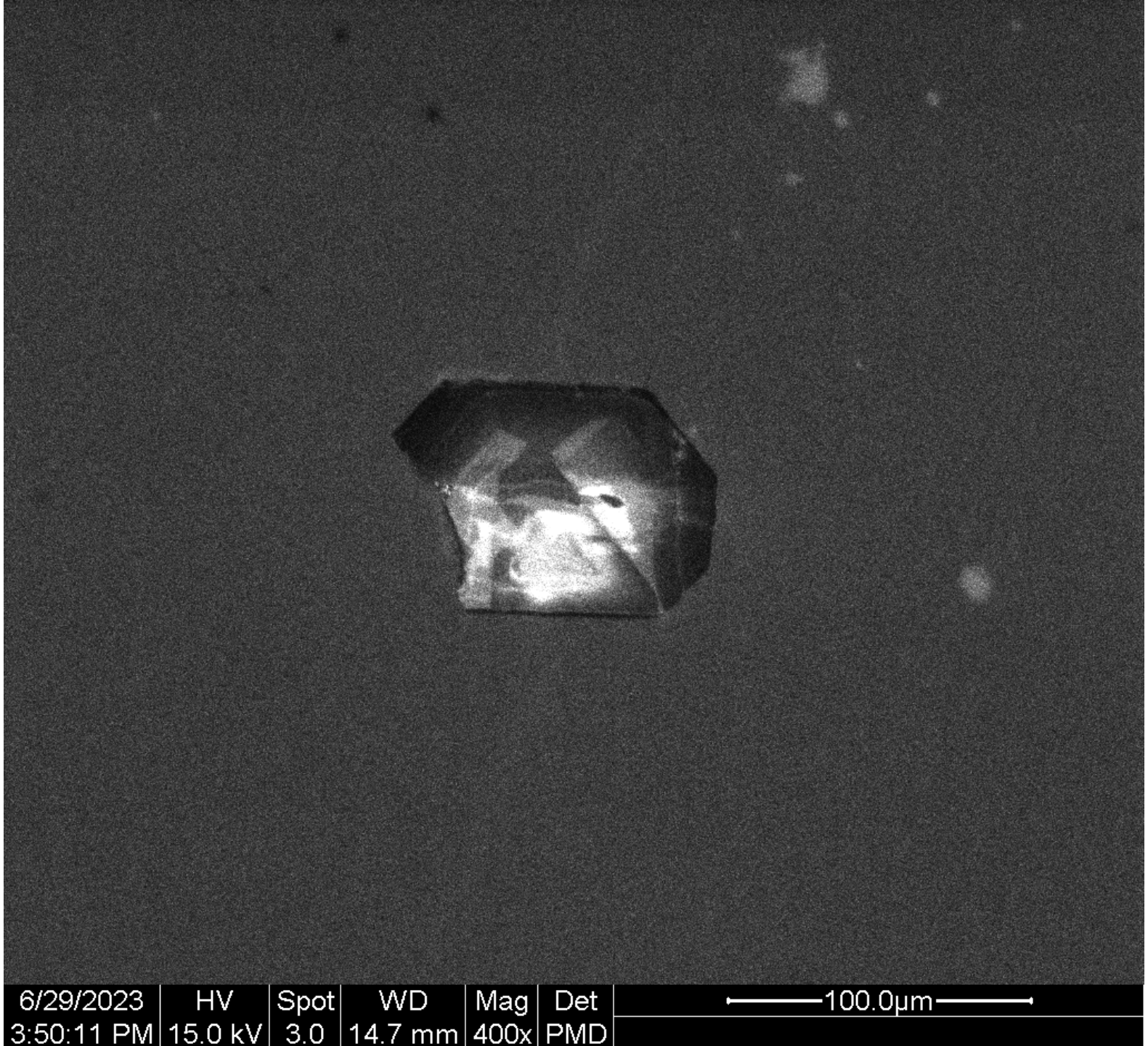
CG23CR08-CL_015.tif

No analysis. Grain too small/fractured.



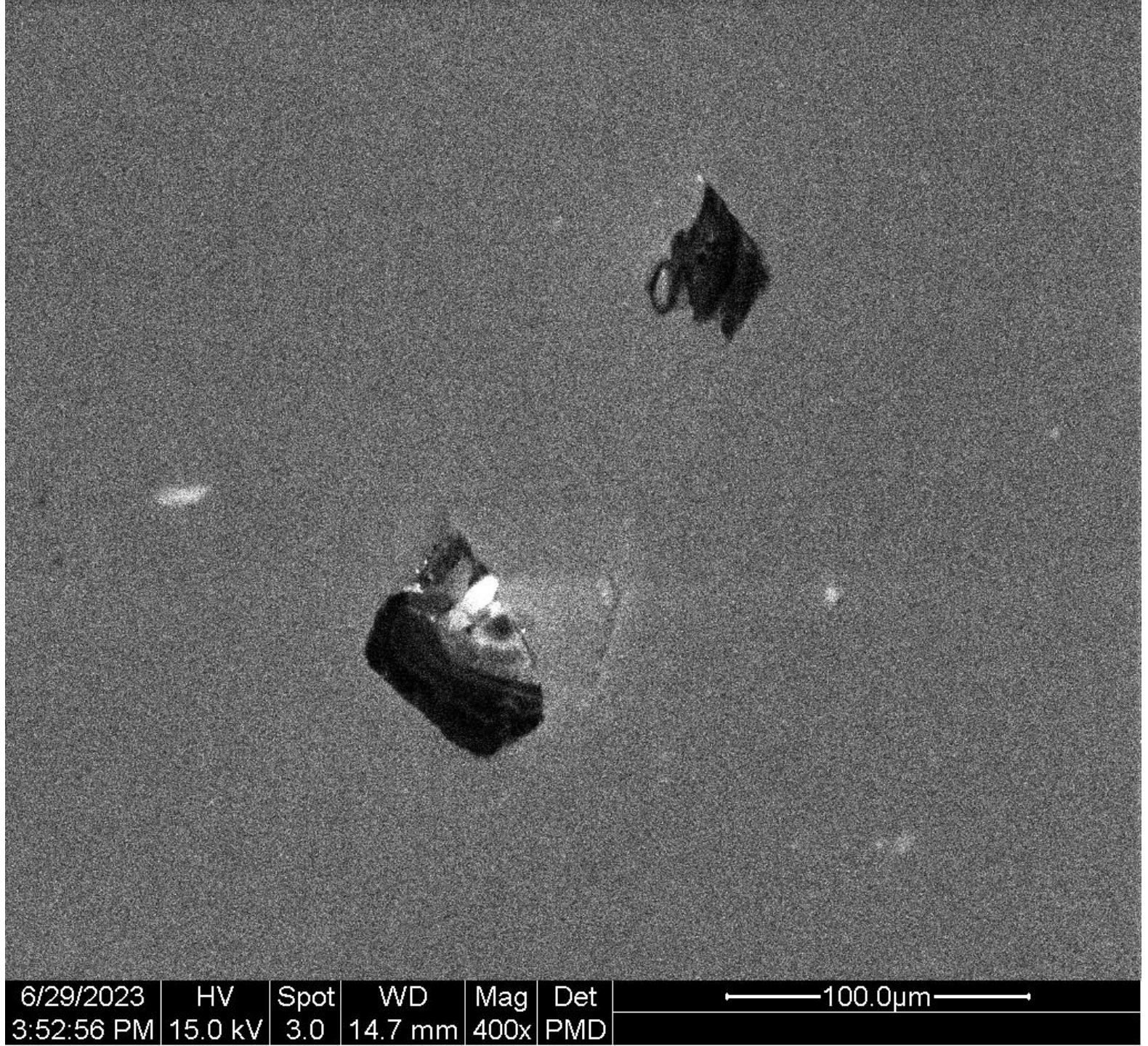
CG23CR08-CL_016.tif

No analysis. Grain too small/fractured.



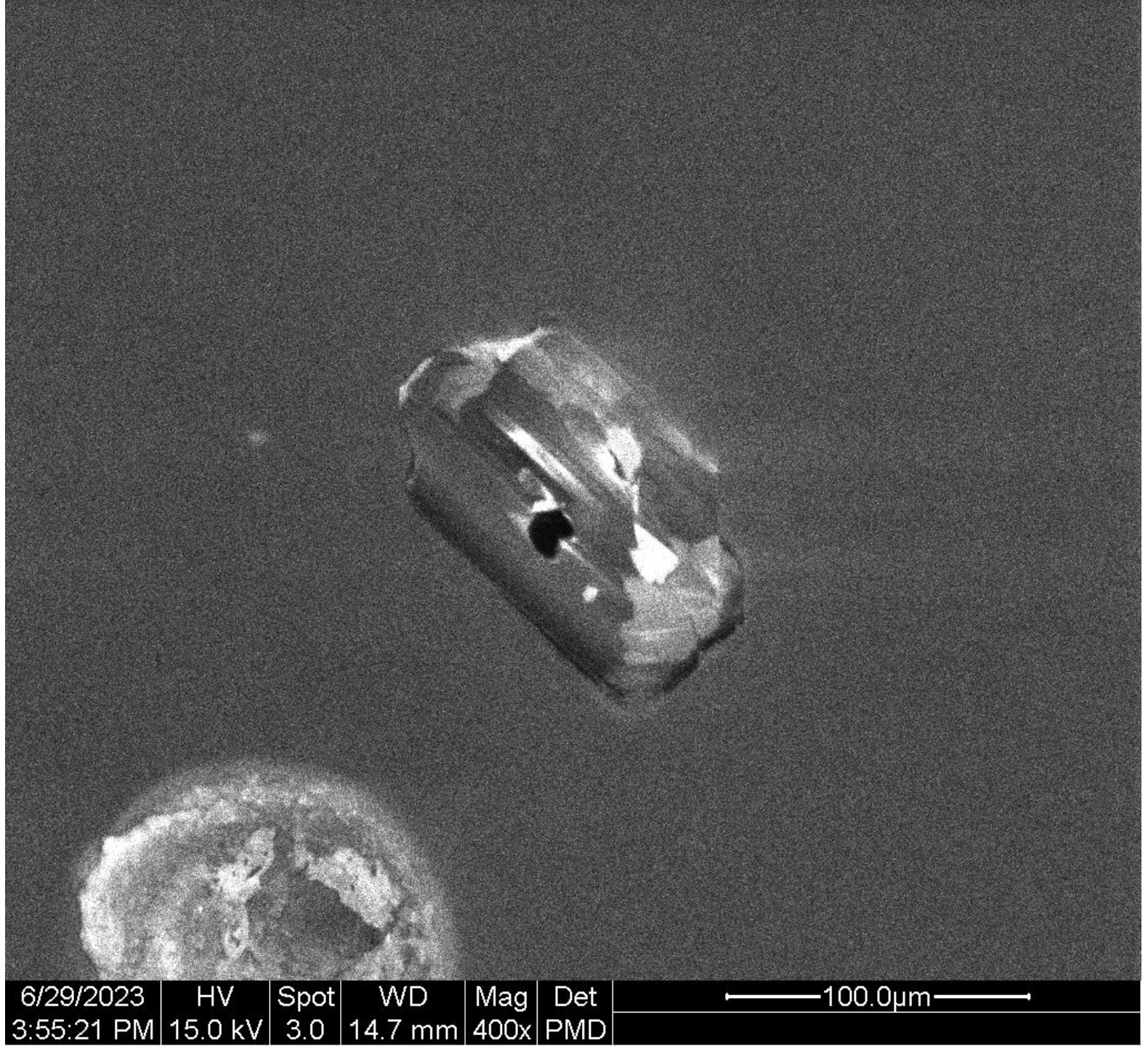
CG23CR08-CL_017.tif

No analysis. Grain too small/fractured.



CG23CR08-CL_018.tif

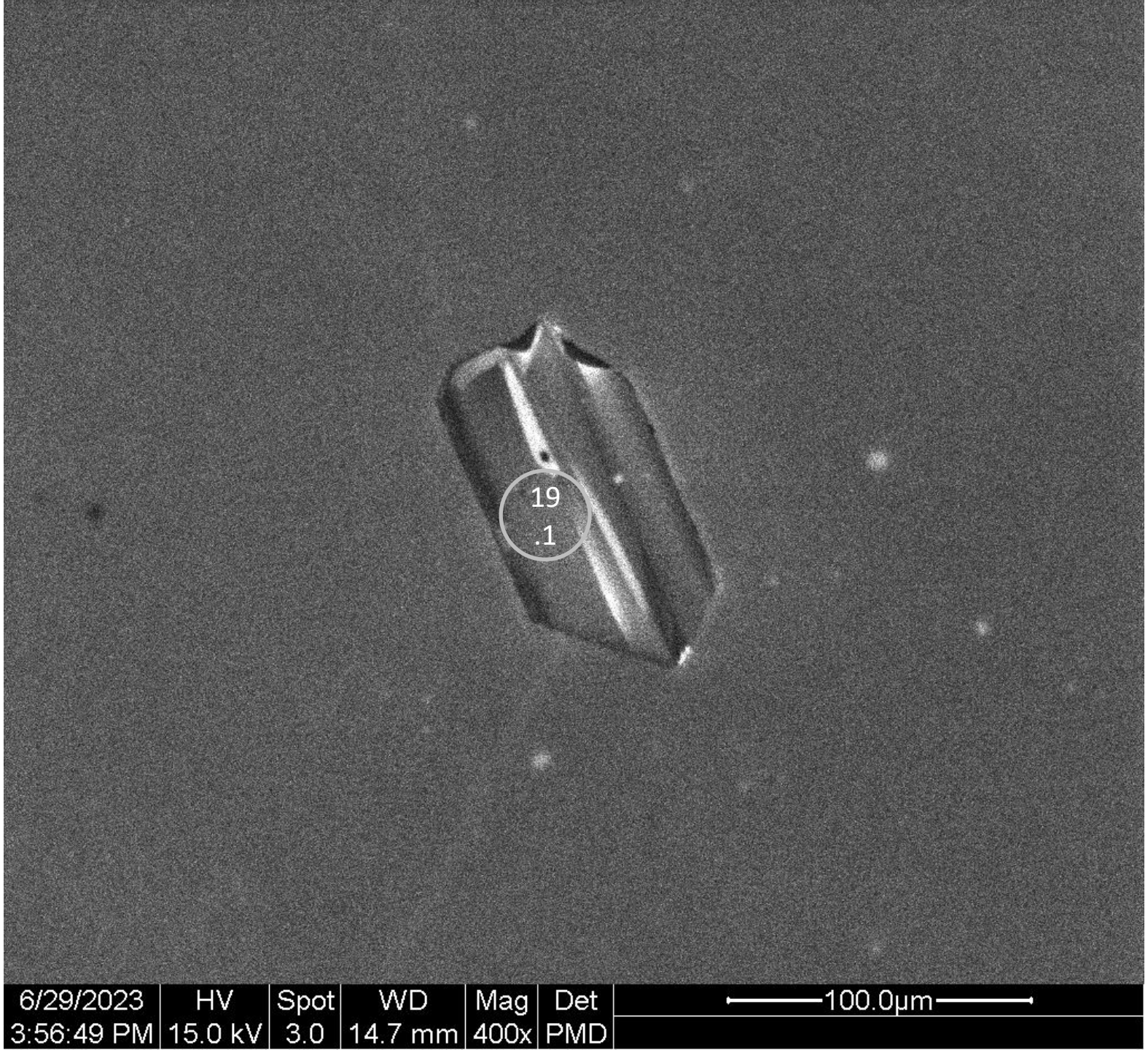
No analysis. Grain too small/fractured/altered/indistinguishable zones.



CG23CR08-CL_019.tif

1 x U-Pb

19.1



CG23CR08-CL_020.tif

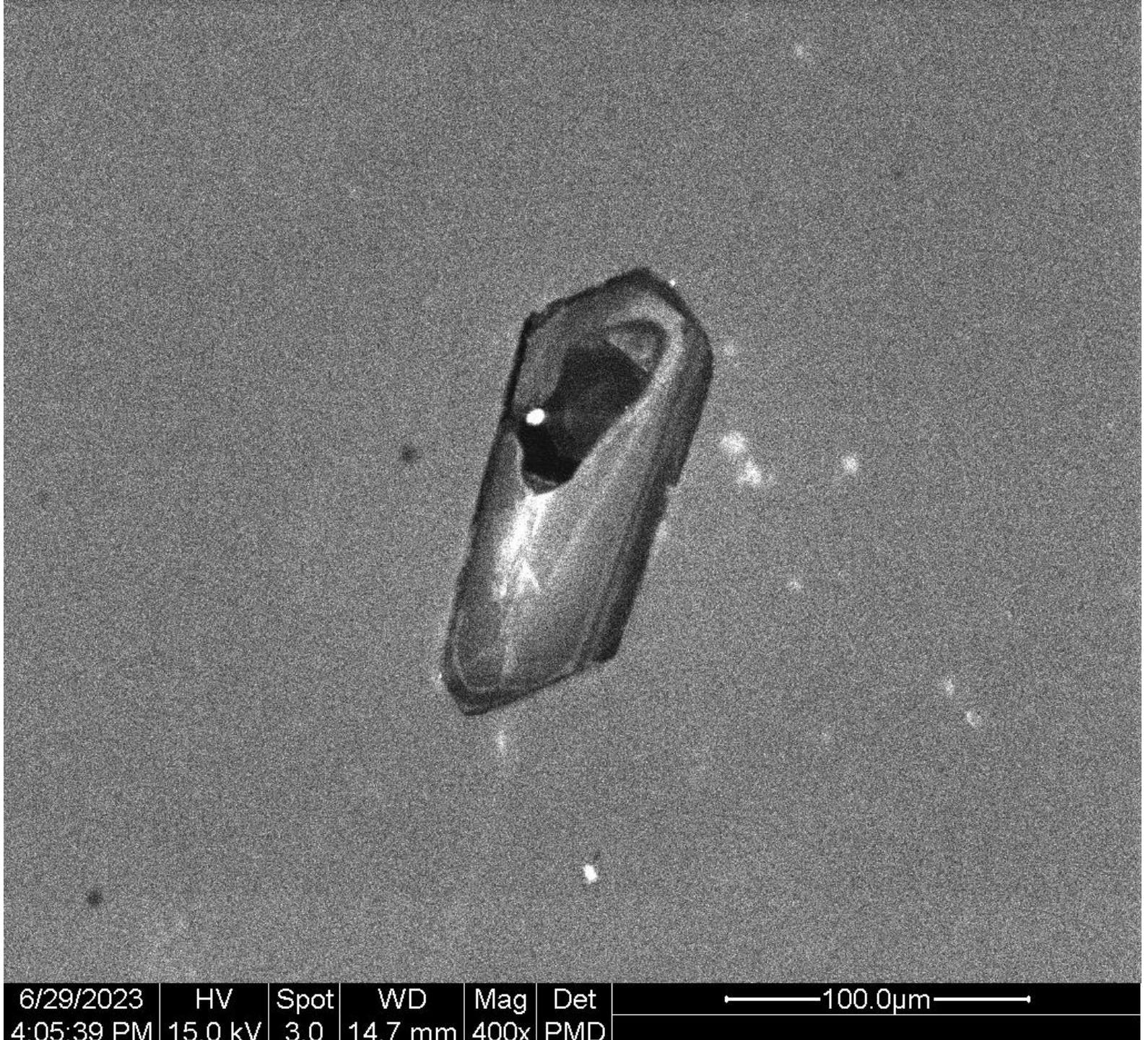
1 x U-Pb

20.1



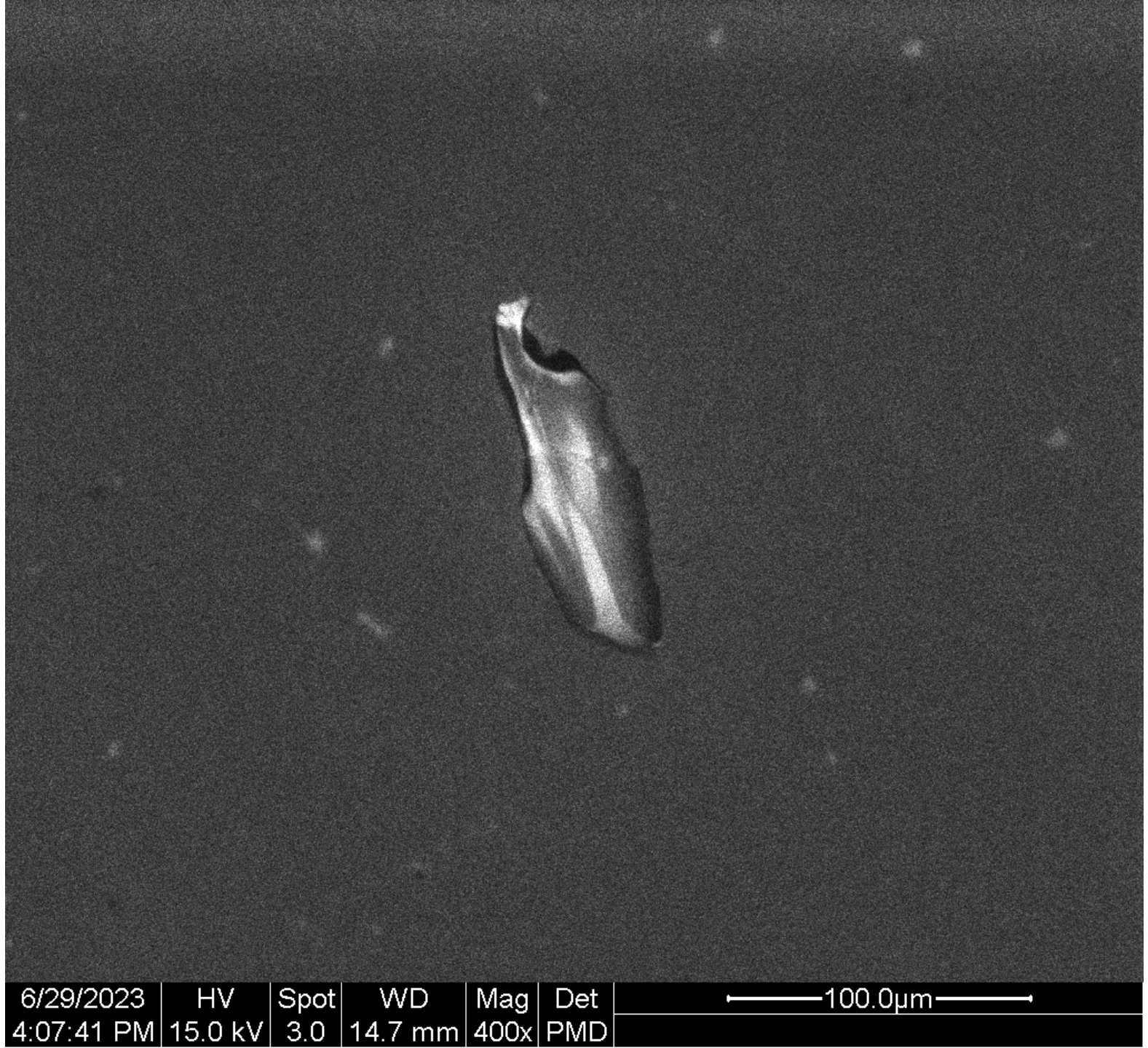
CG23CR08-CL_021.tif

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



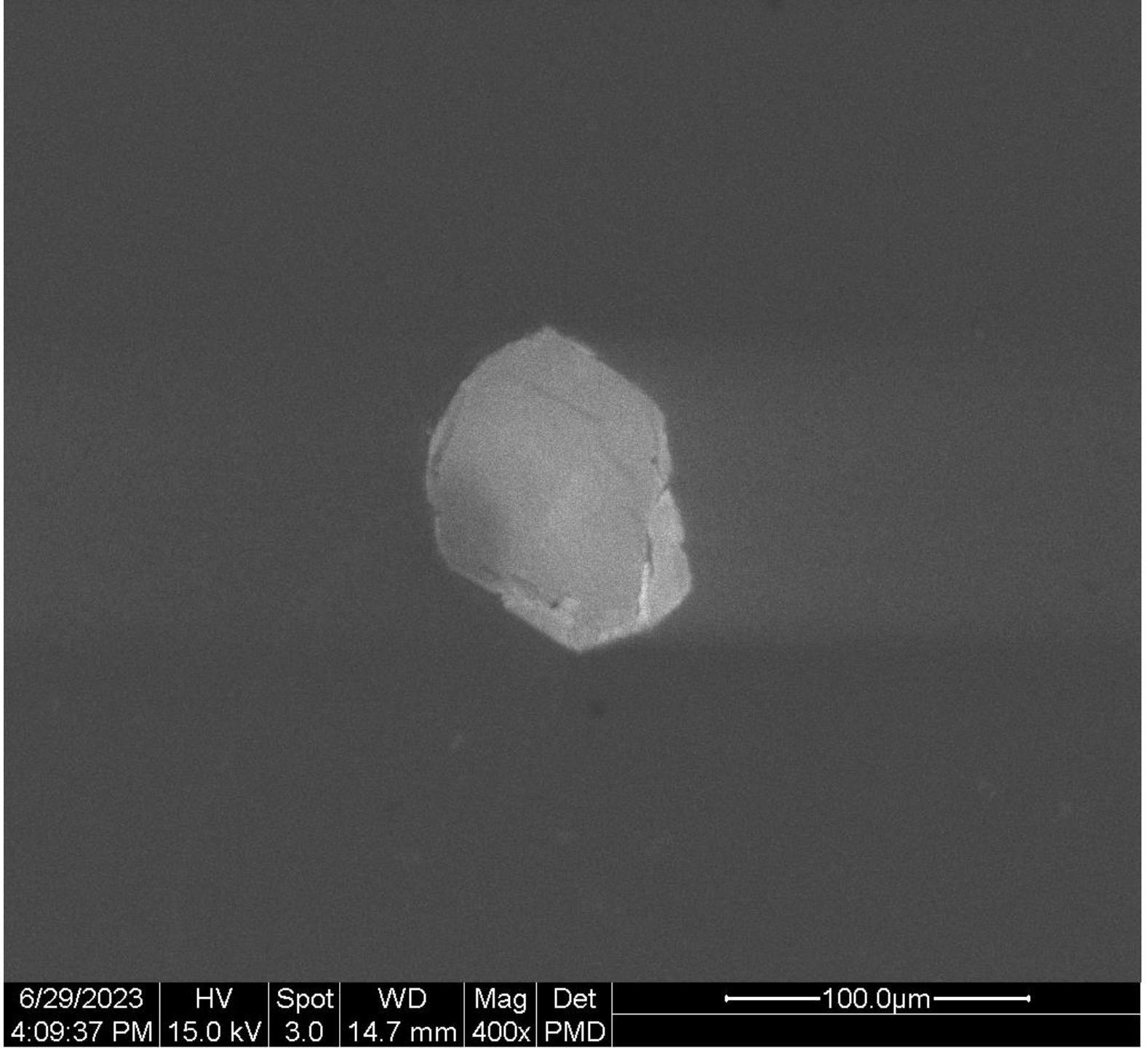
CG23CR08-CL_022.tif

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



CG23CR08-CL_023.tif

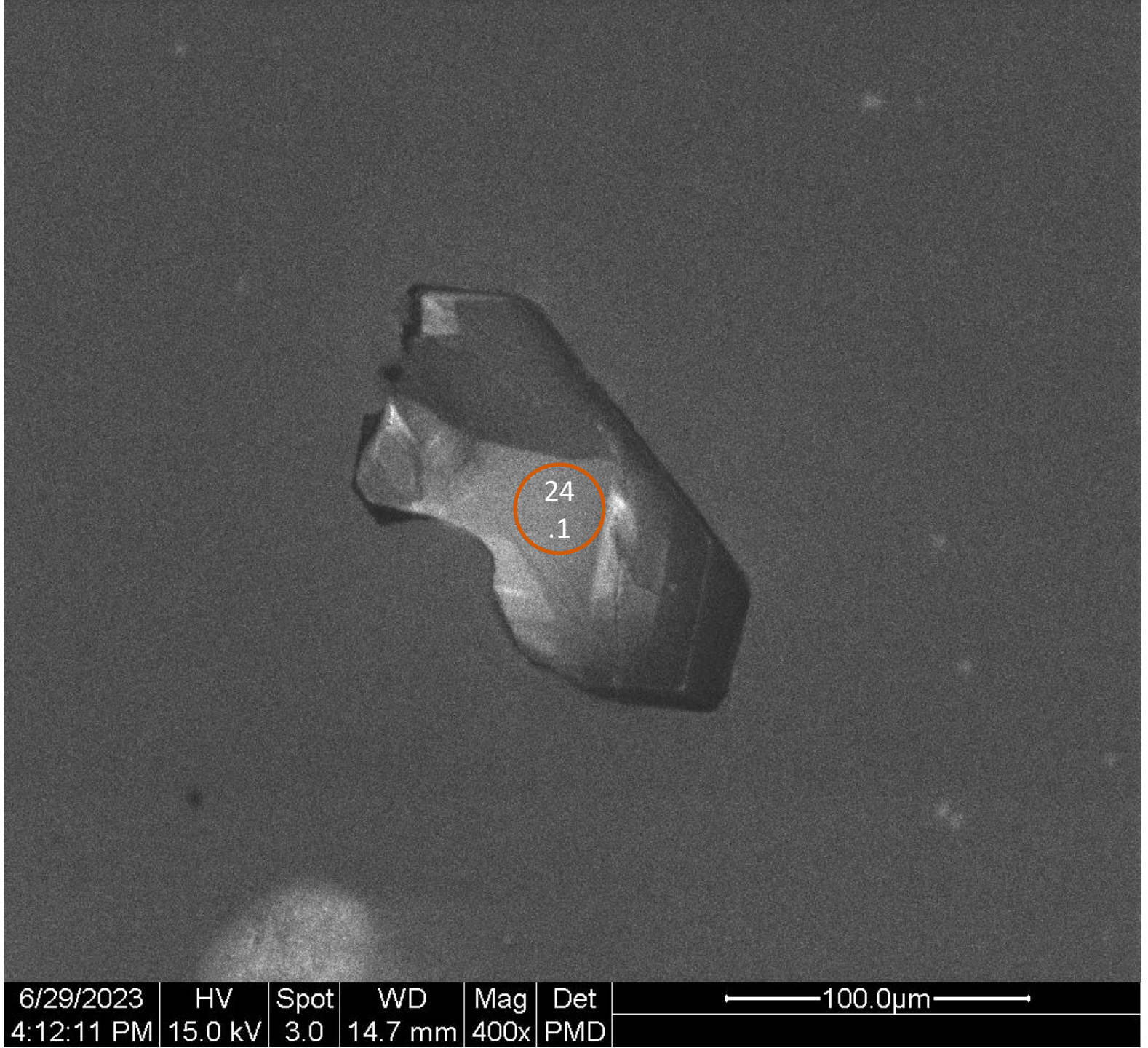
No analysis. Unsure if it is a zircon?



CG23CR08-CL_024.tif

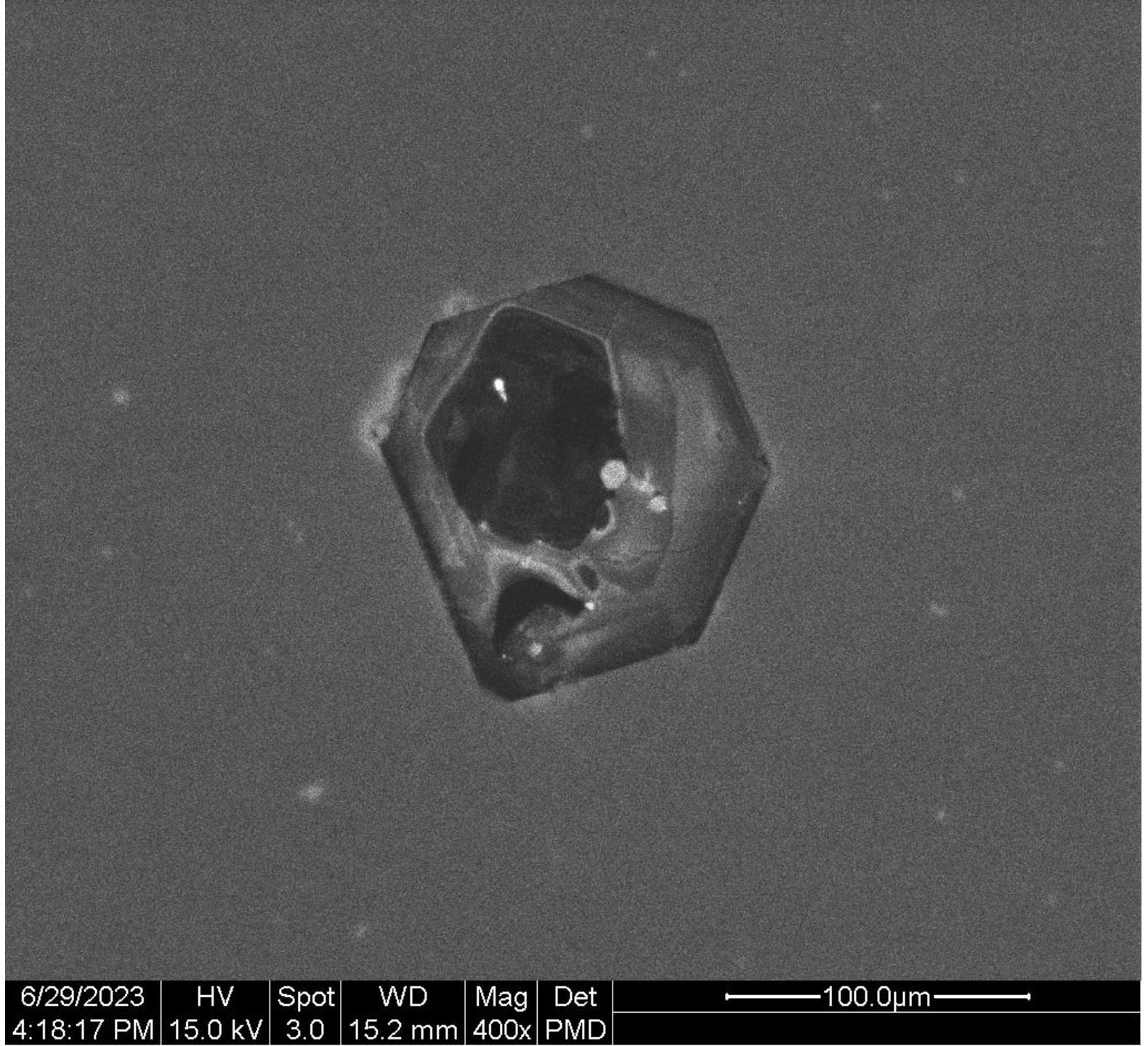
1 x U-Pb

24.1



CG23CR08-CL_025.tif

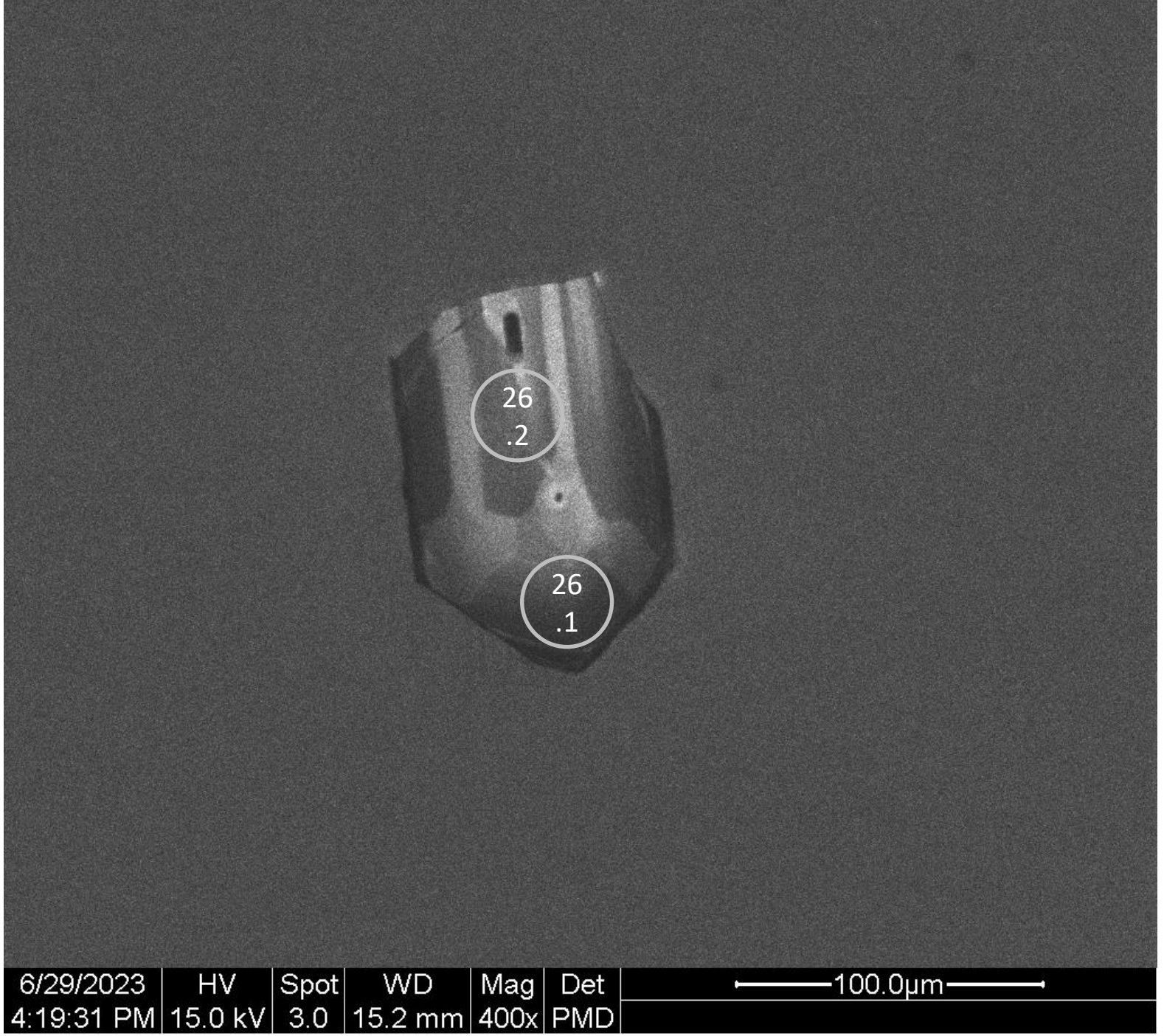
No analysis. Zones too small/too fractured/too altered (central portion could be an inclusion?)



CG23CR08-CL_026.tif

2 x U-Pb

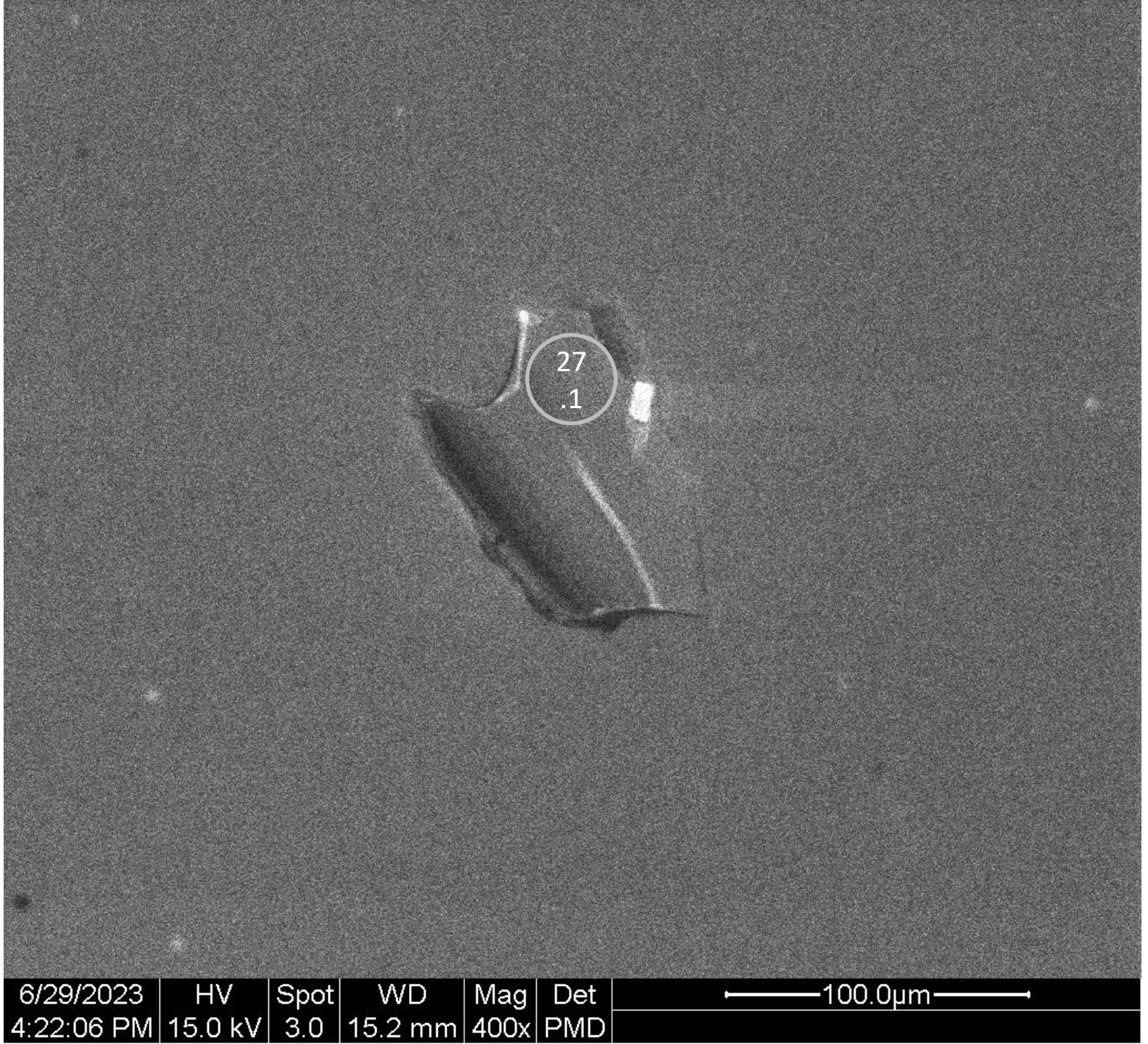
26.1, 26.2



CG23CR08-CL_027.tif

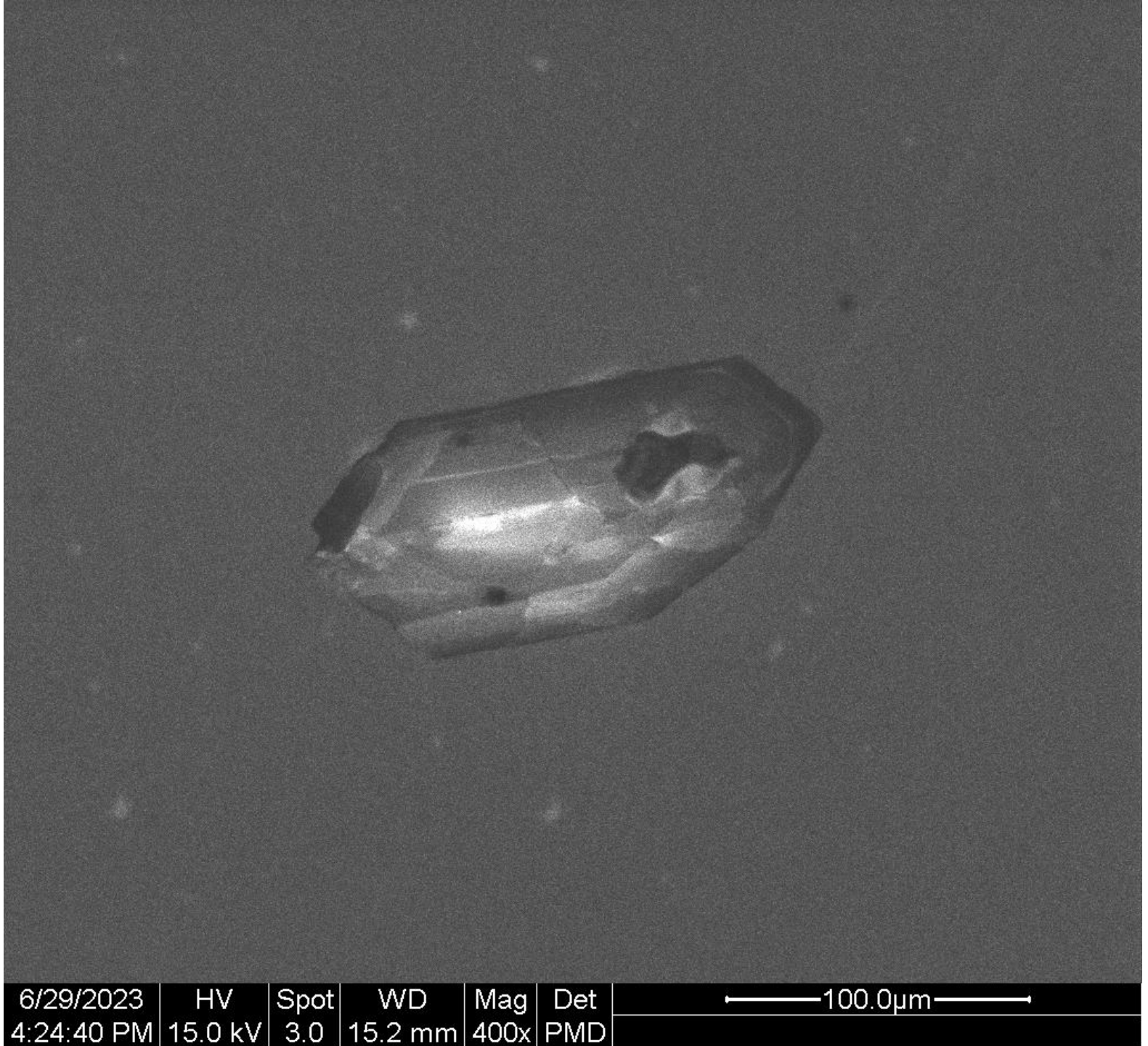
1 x U-Pb

27.1



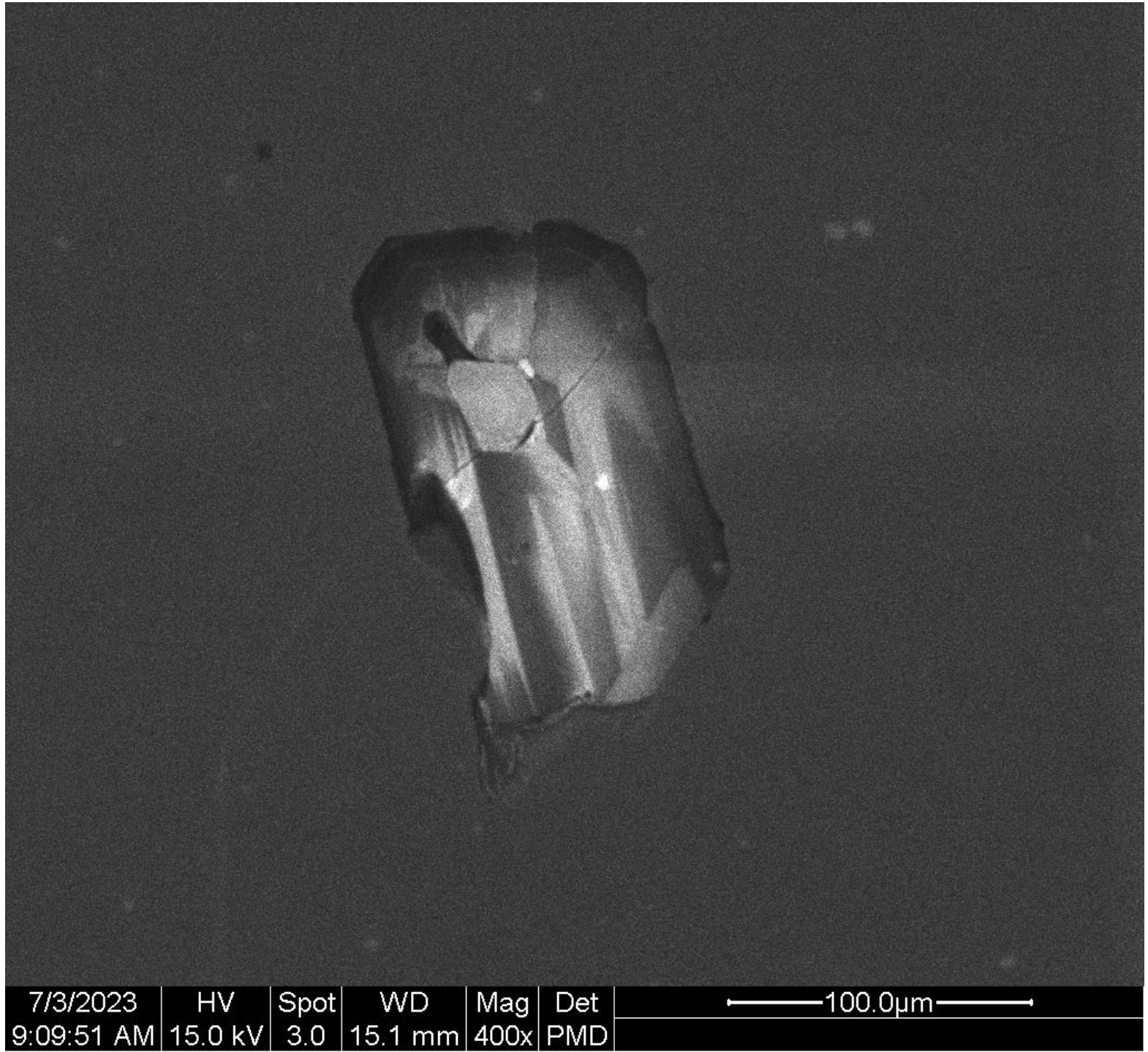
CG23CR08-CL_028.tif

No analysis. Too fractured.



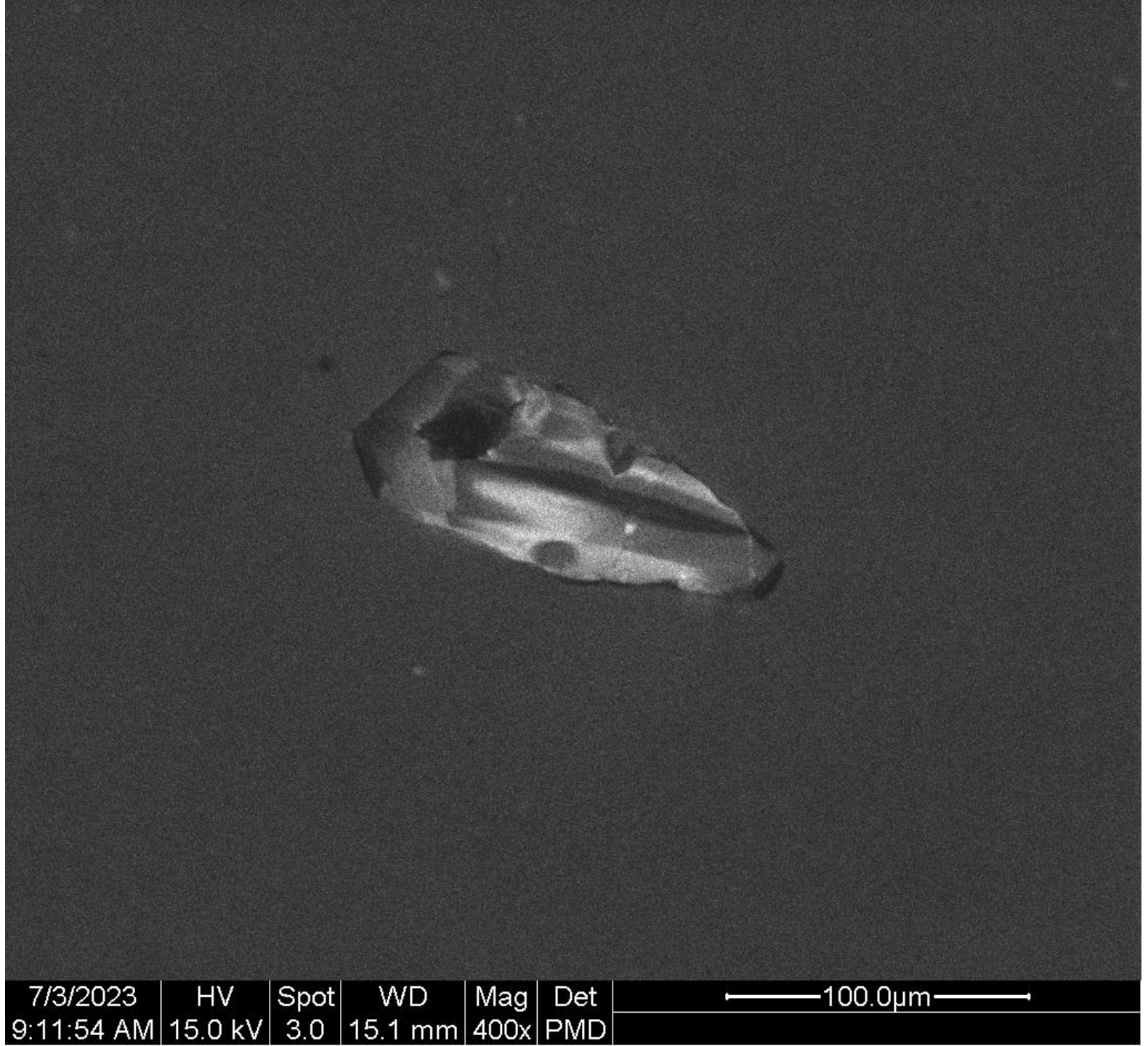
CG23CR08-CL_029.tif

No analysis. Too fractured/indistinguishable zones/zones too small.



CG23CR08-CL_030.tif

No analysis. Too fractured/indistinguishable zones/zones too small.



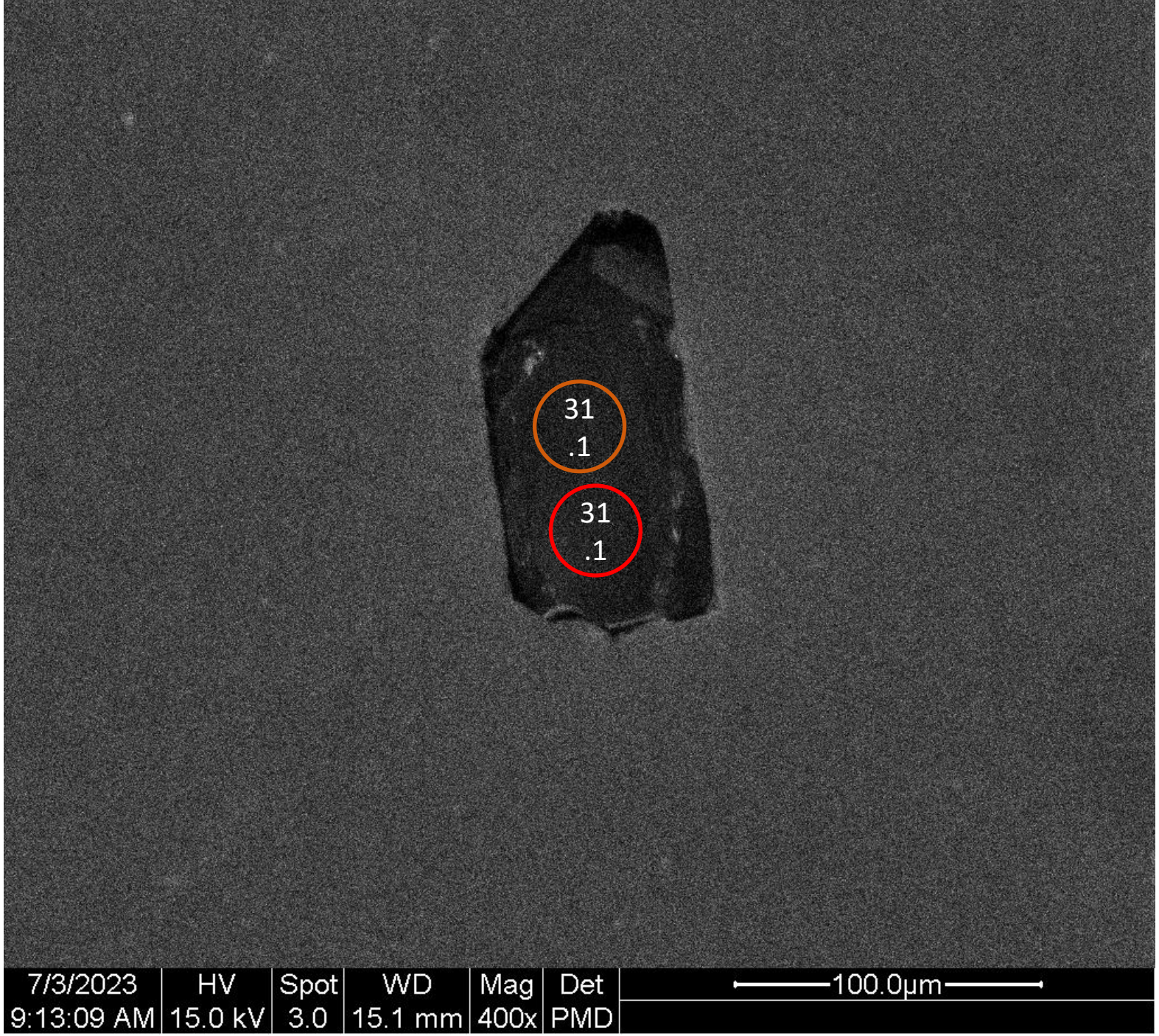
CG23CR08-CL_031.tif

1 x U-Pb

31.1

1 x TE

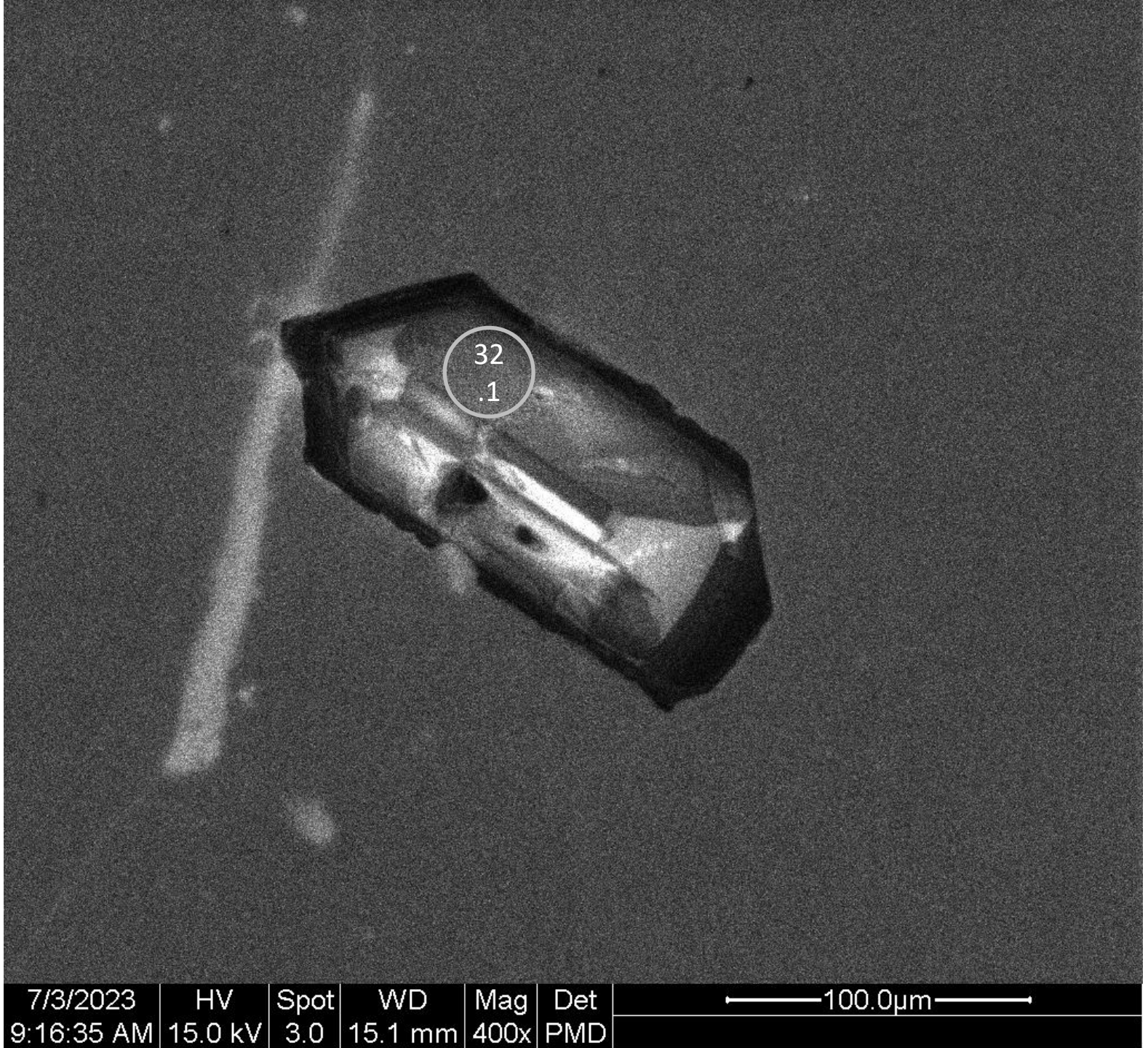
31.1



CG23CR08-CL_032.tif

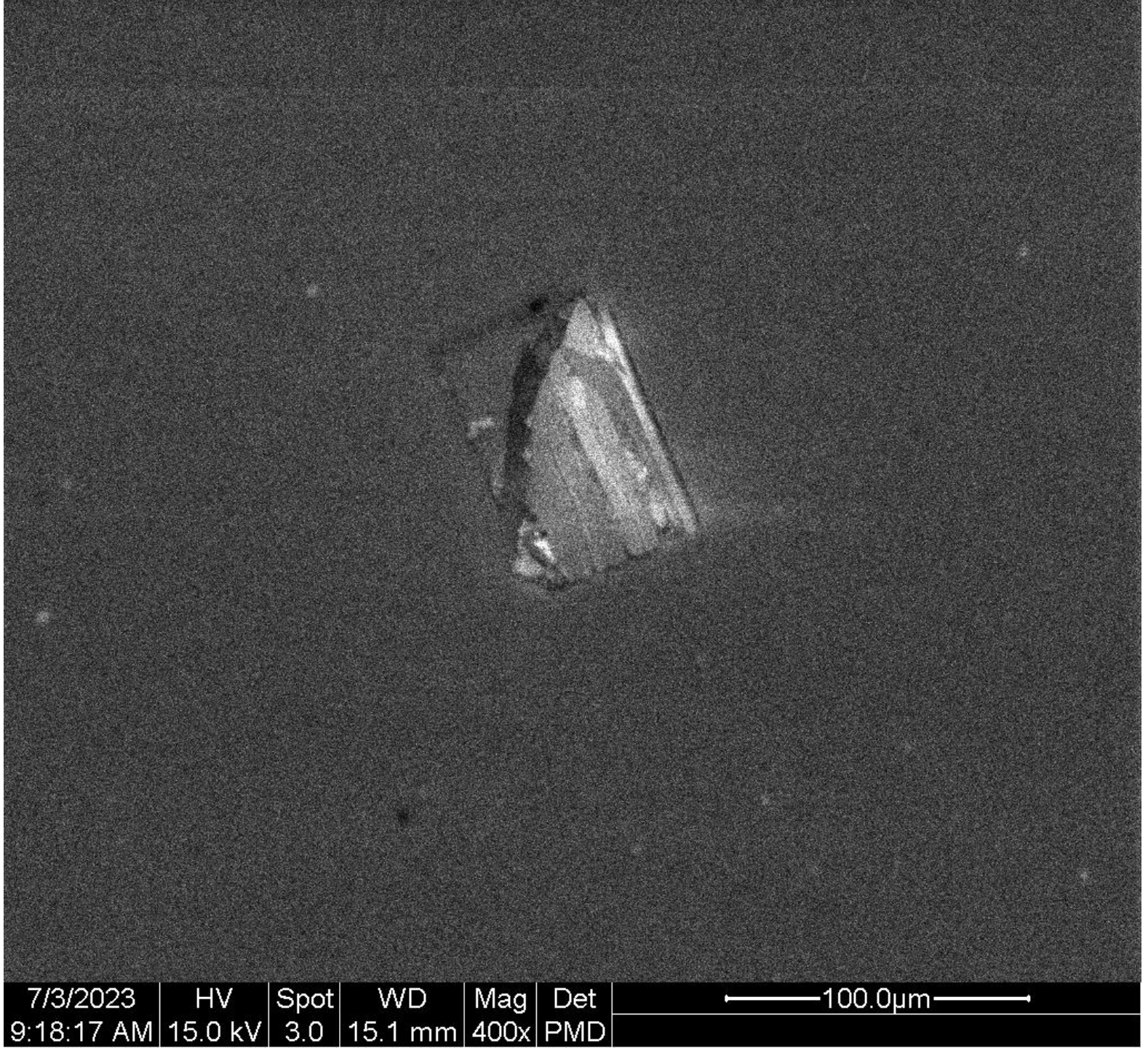
1 x U-Pb

32.1



CG23CR08-CL_033.tif

No analysis. Too fractures.
Tabular habit.
Apatite?



CG23CR08-CL_034.tif

3 x U-Pb

34.1, 34.2, 34.3

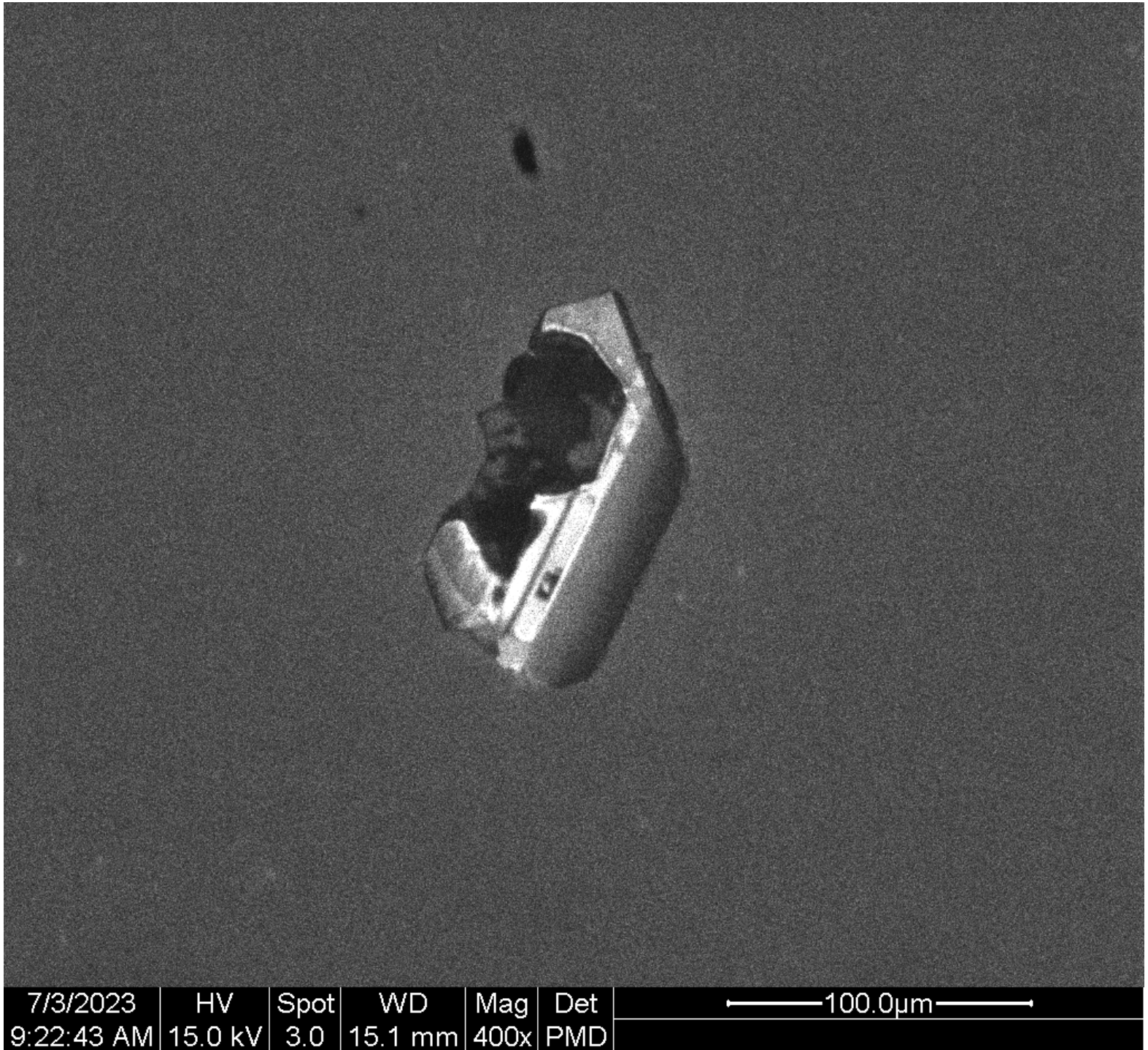
2 x TE

34.1, 34.2



CG23CR08-CL_035.tif

No analysis. Too fractured/indistinguishable zones/altered/zones too narrow.



CG23CR08-CL_036.tif

1 x U-Pb

36.1

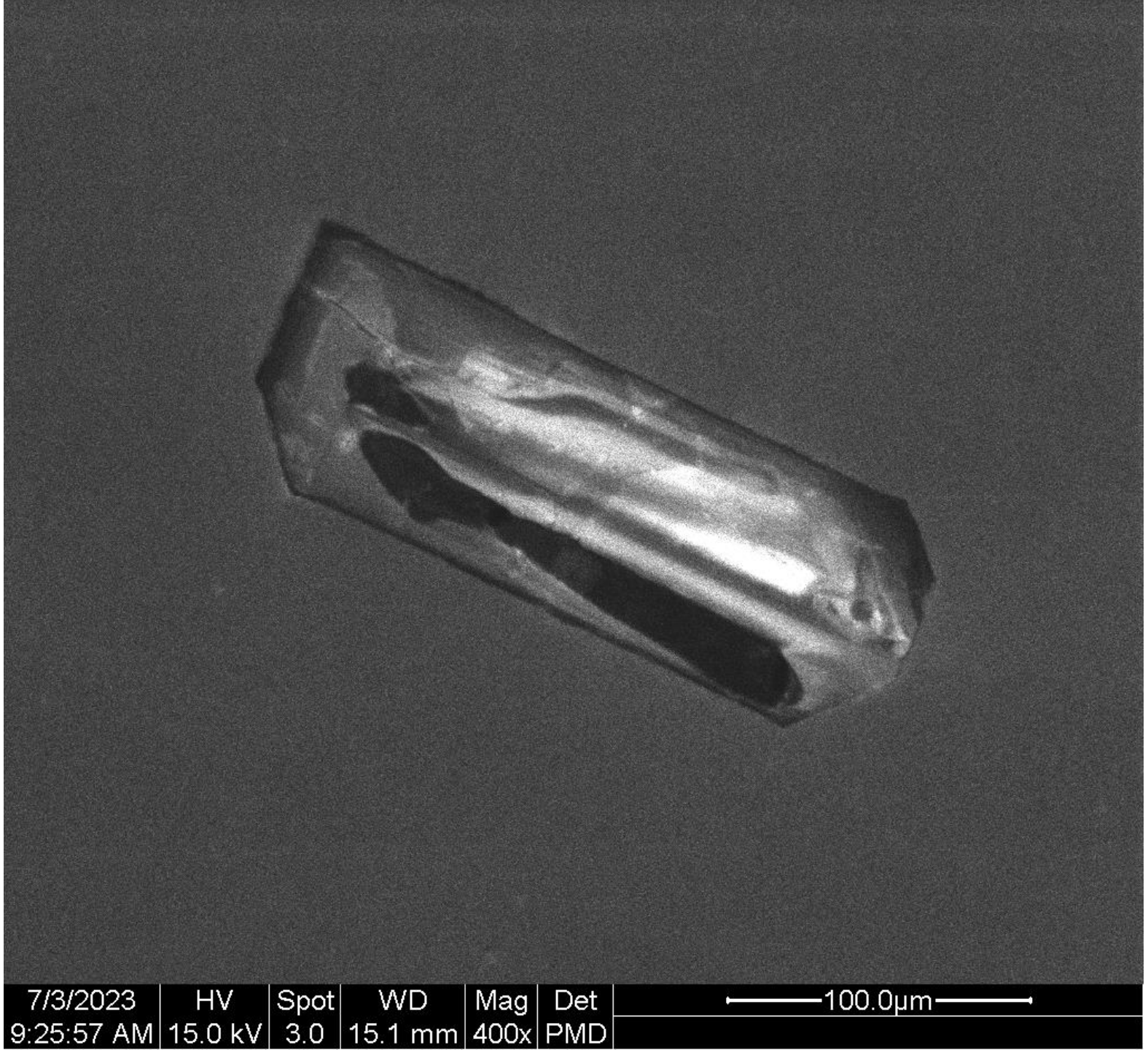
1 x TE

36.1



CG23CR08-CL_037.tif

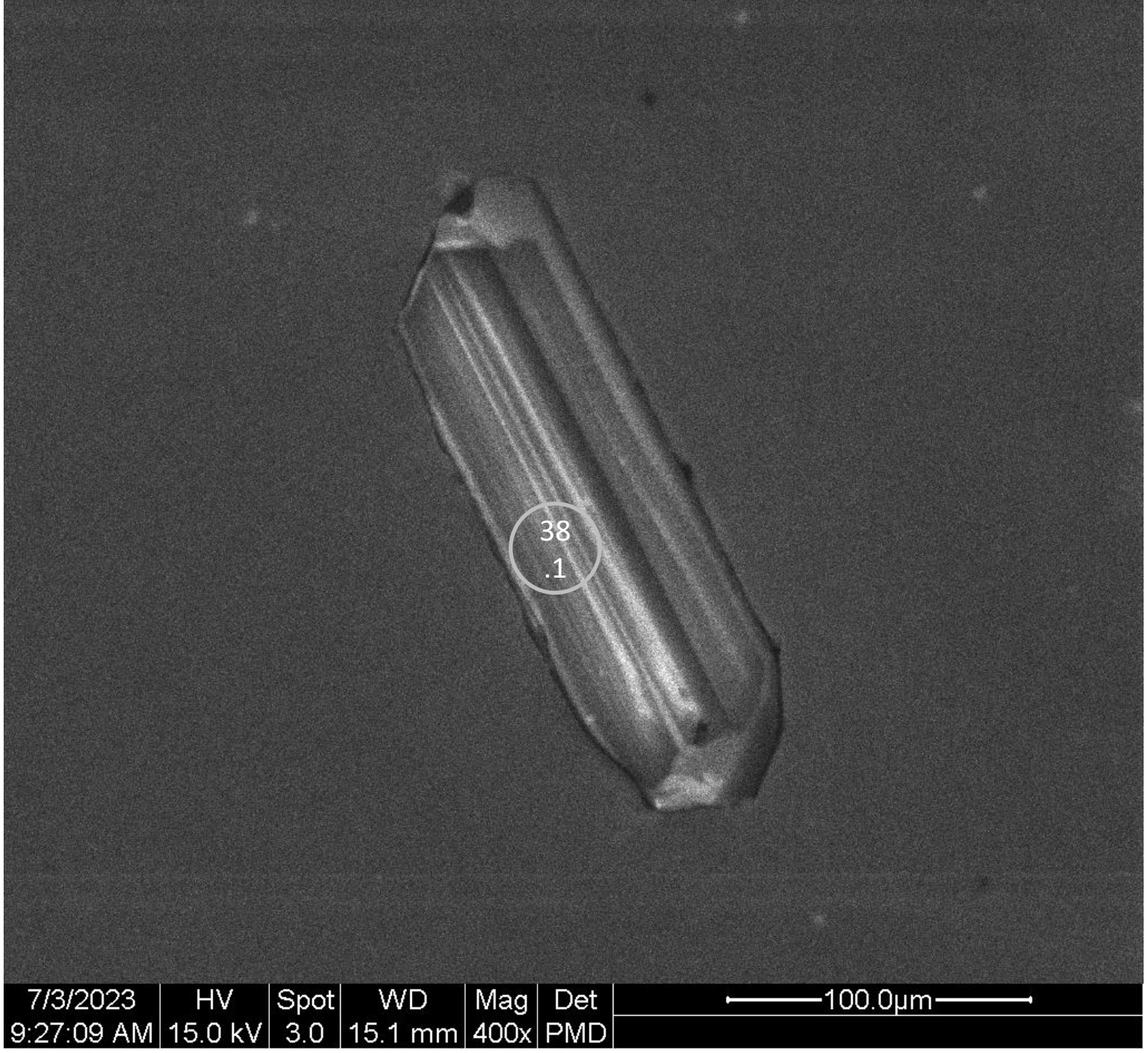
No analysis. Too fractured/indistinguishable zones/altered/zones too small.



CG23CR08-CL_038.tif

1 x U-Pb

38.1



CG23CR08-CL_039.tif

1 x U-Pb

39.1

1 x TE

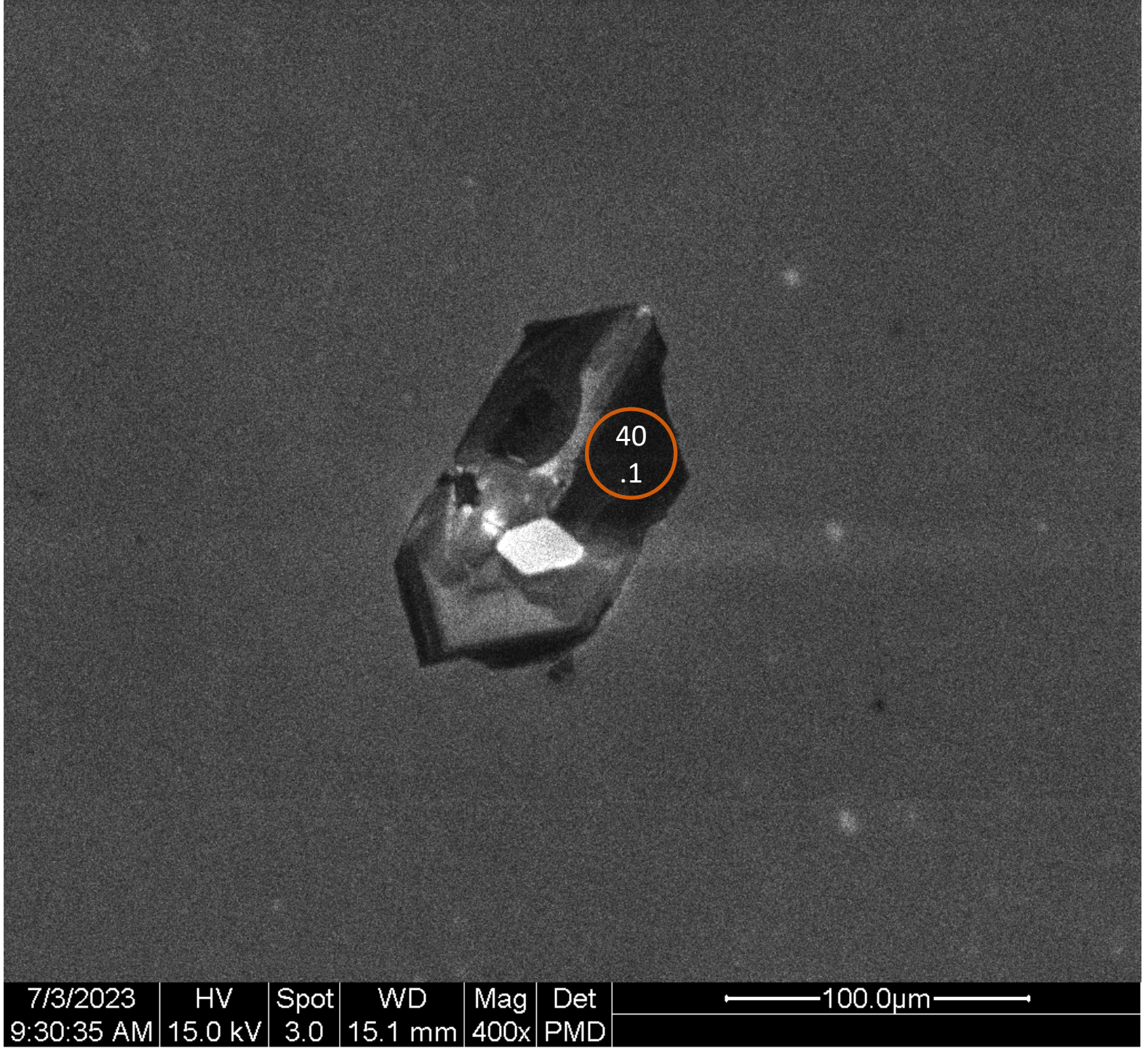
39.1



CG23CR08-CL_040.tif

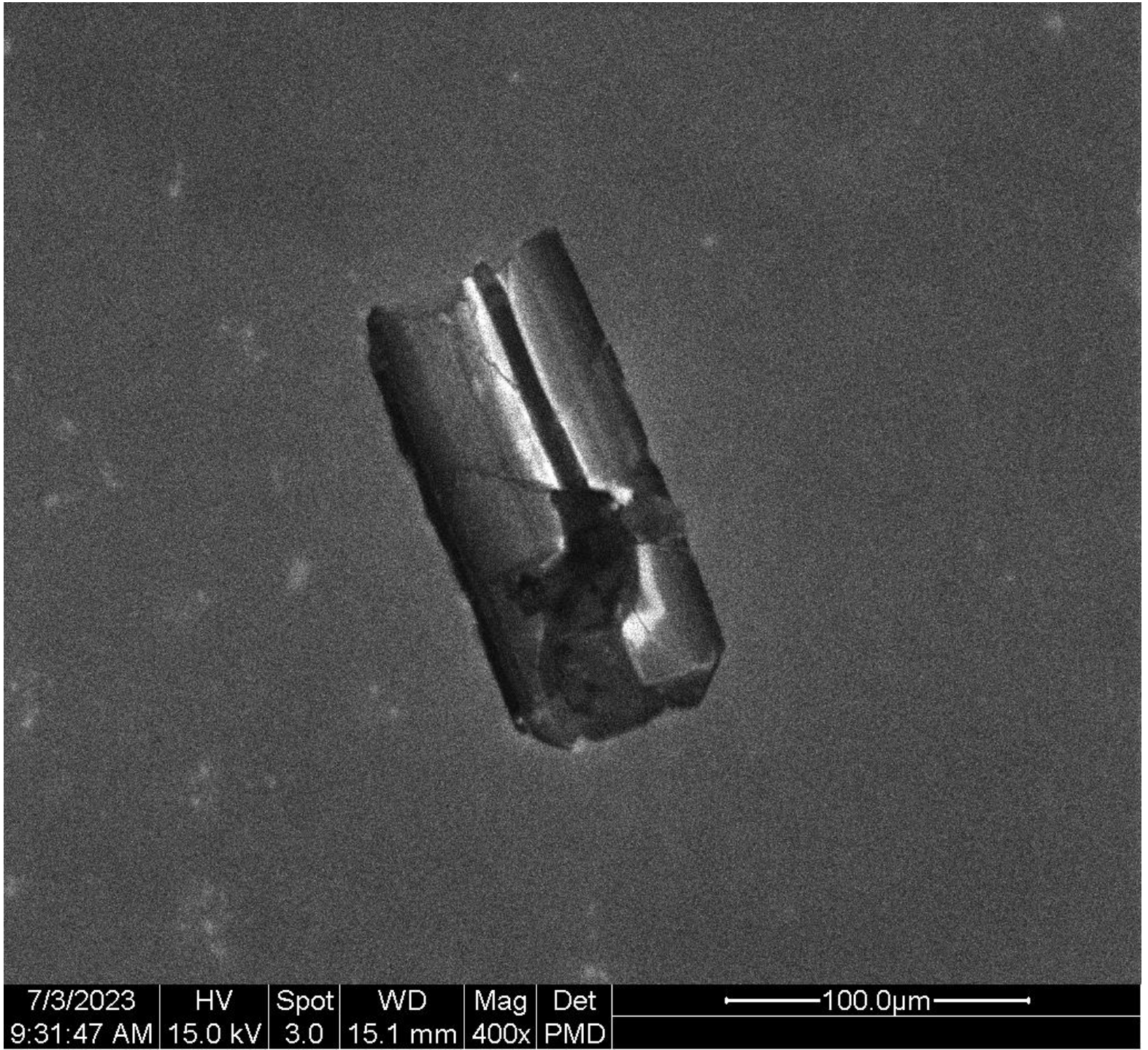
1 x U-Pb

40.1



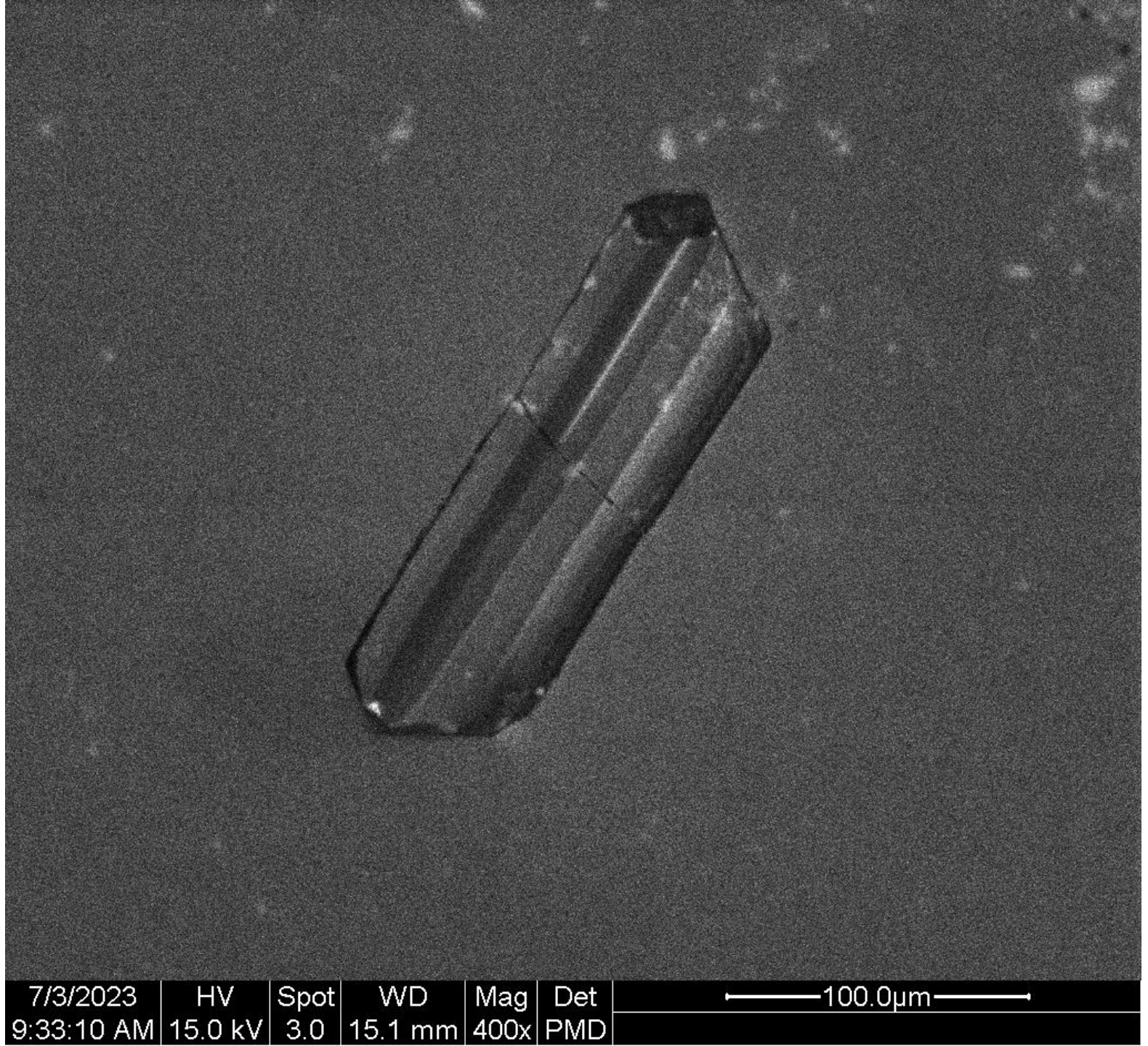
CG23CR08-CL_041.tif

No analysis. Too fractured.



CG23CR08-CL_042.tif

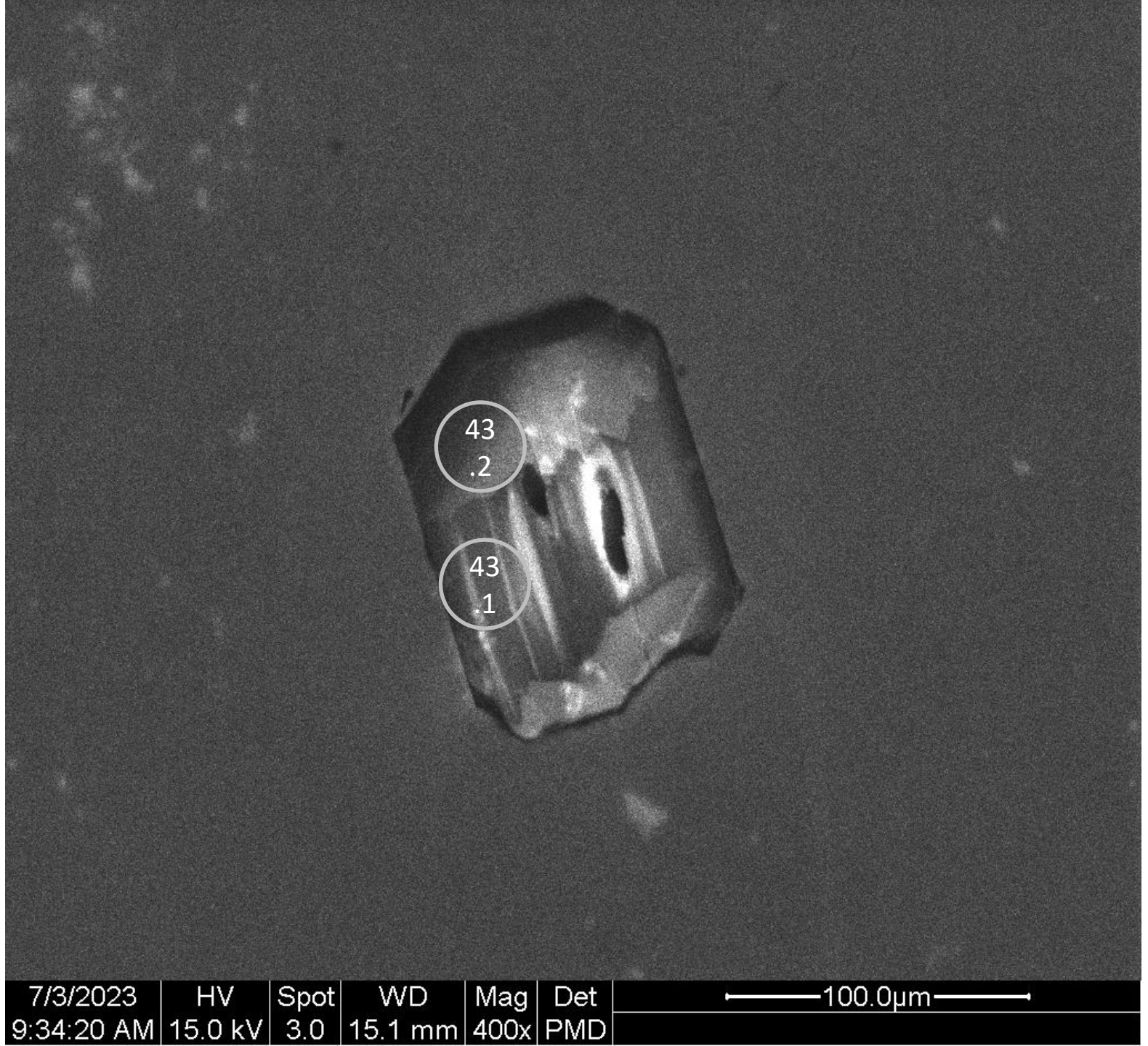
No analysis. Zones too narrow.



CG23CR08-CL_043.tif

2 x U-Pb

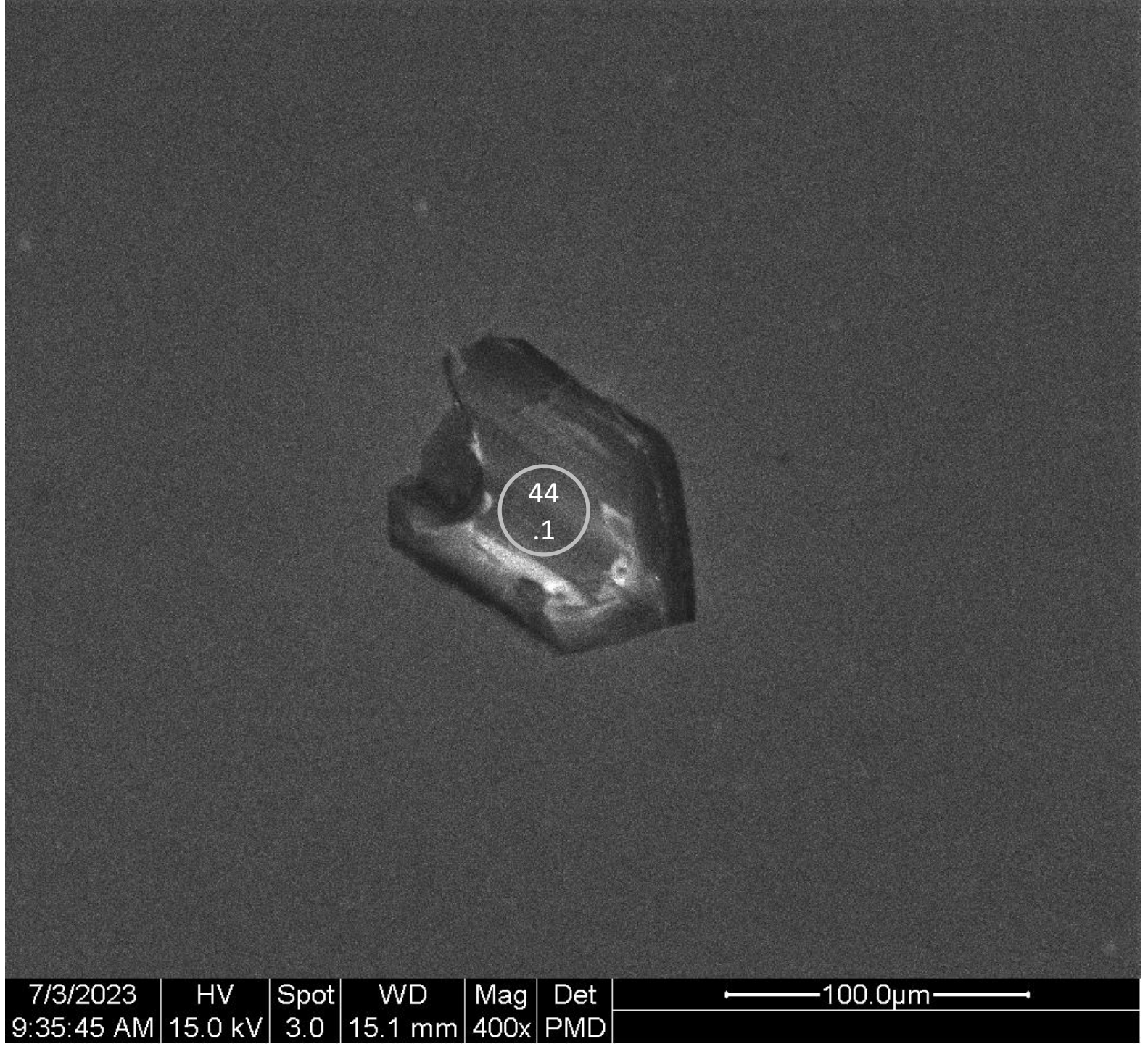
43.1, 43.2



CG23CR08-CL_044.tif

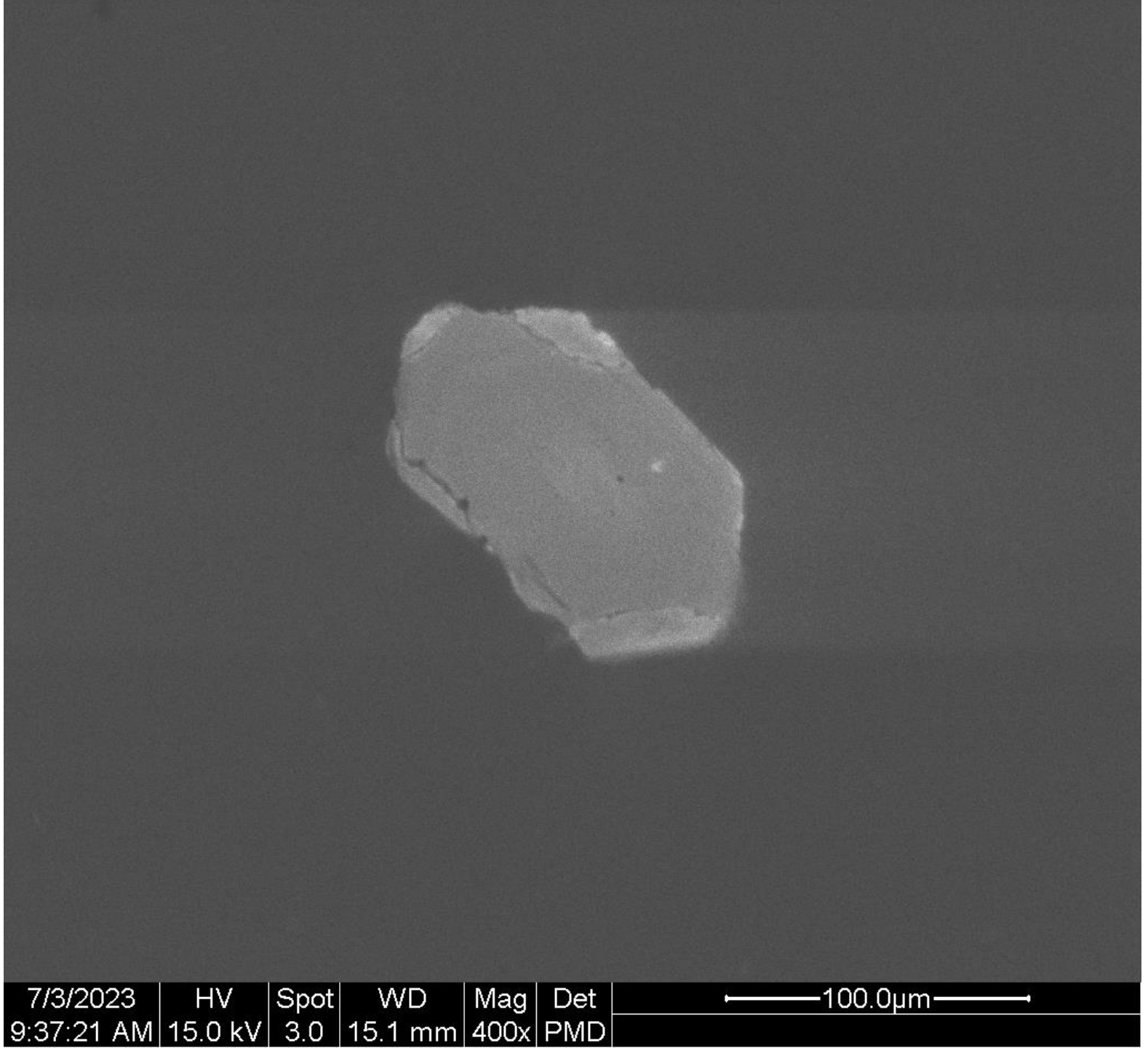
1 x U-Pb

44.1



CG23CR08-CL_045.tif

No analysis. Uncertain if this is a zircon?



CG23CR08-CL_046.tif

1 x U-Pb

46.1

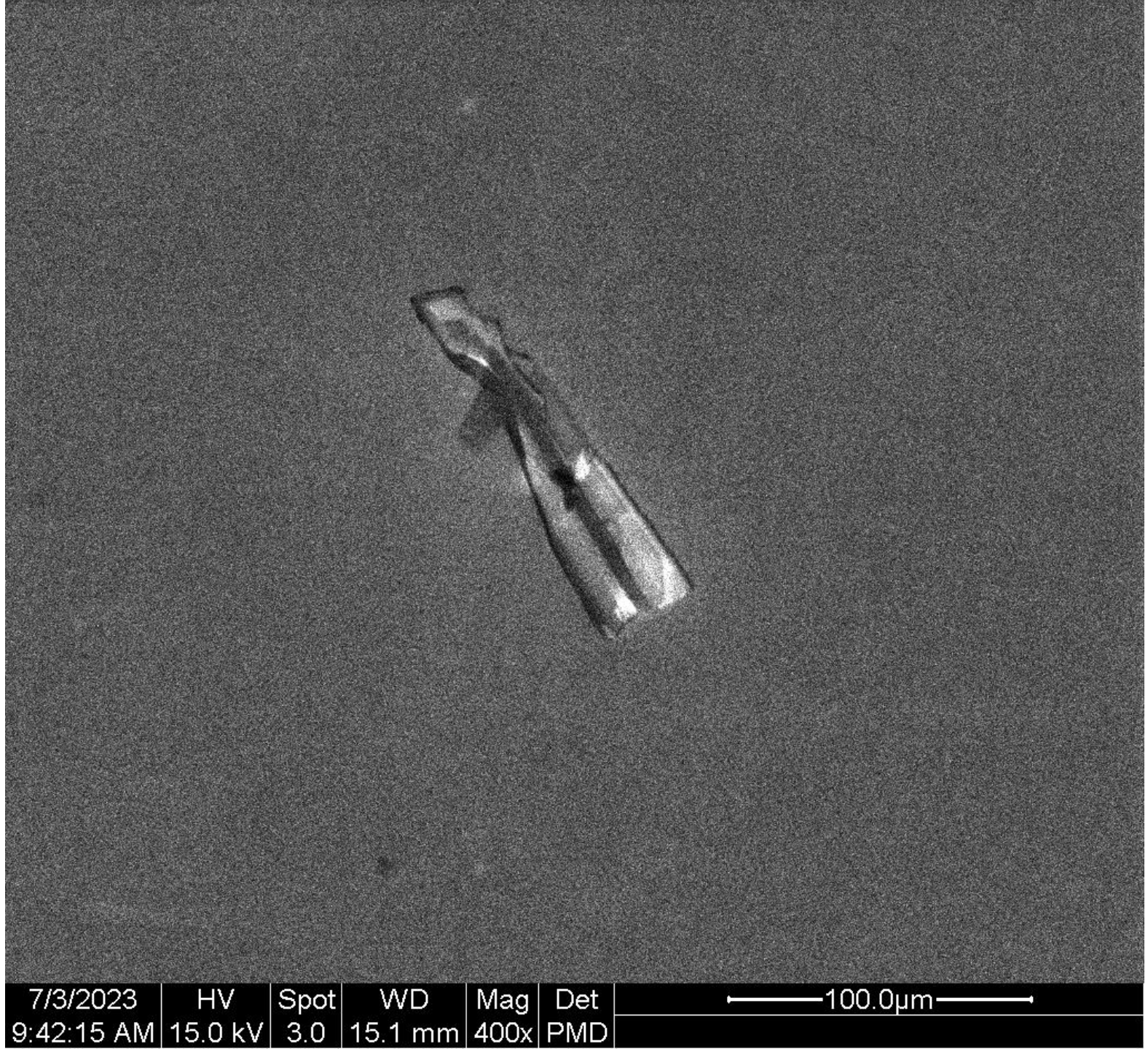
1 x TE

46.1



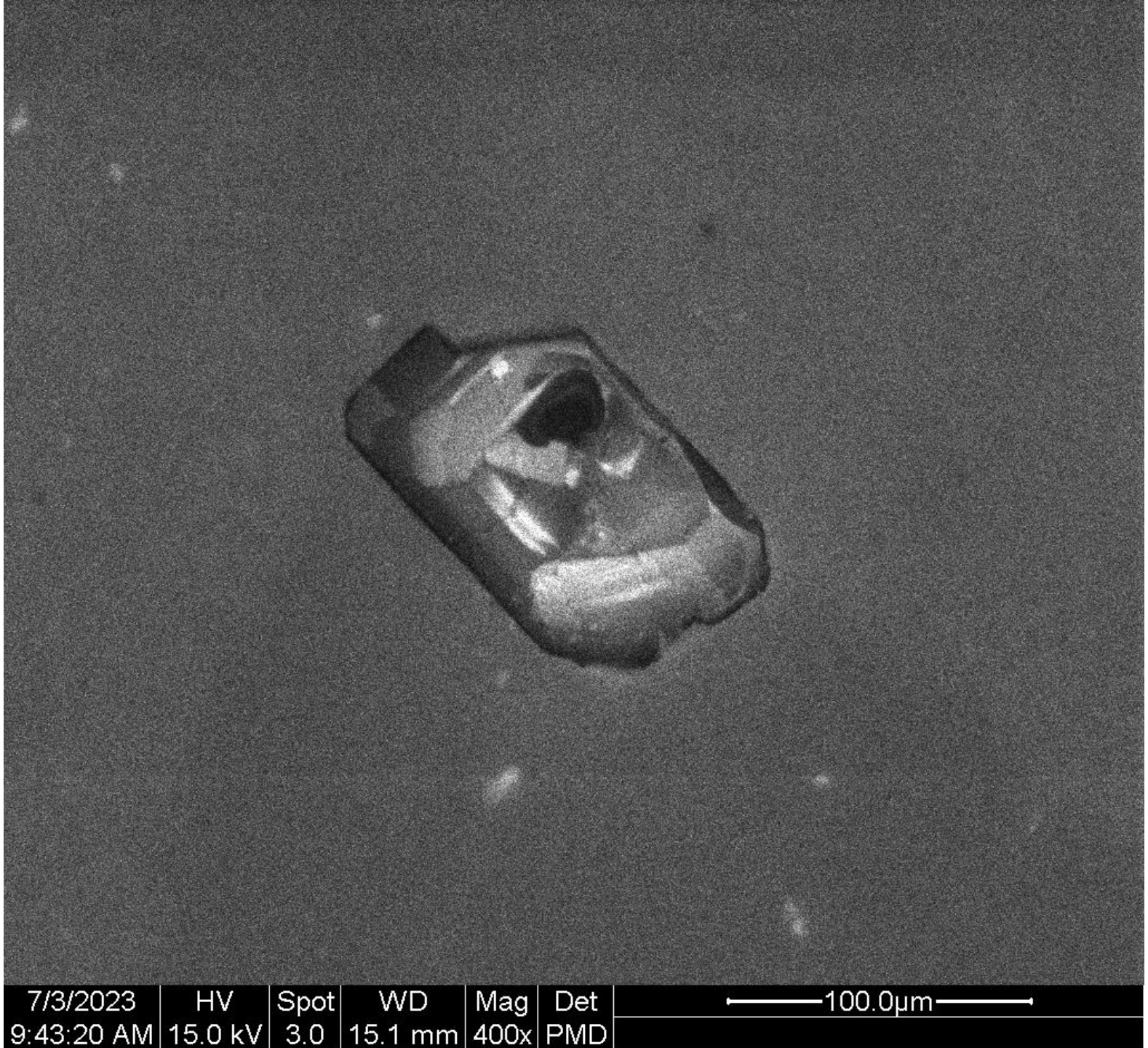
CG23CR08-CL_047.tif

No analysis. Too small.



CG23CR08-CL_048.tif

No analysis. Fractured/sector zoning/alteration/indistinguishable zones.



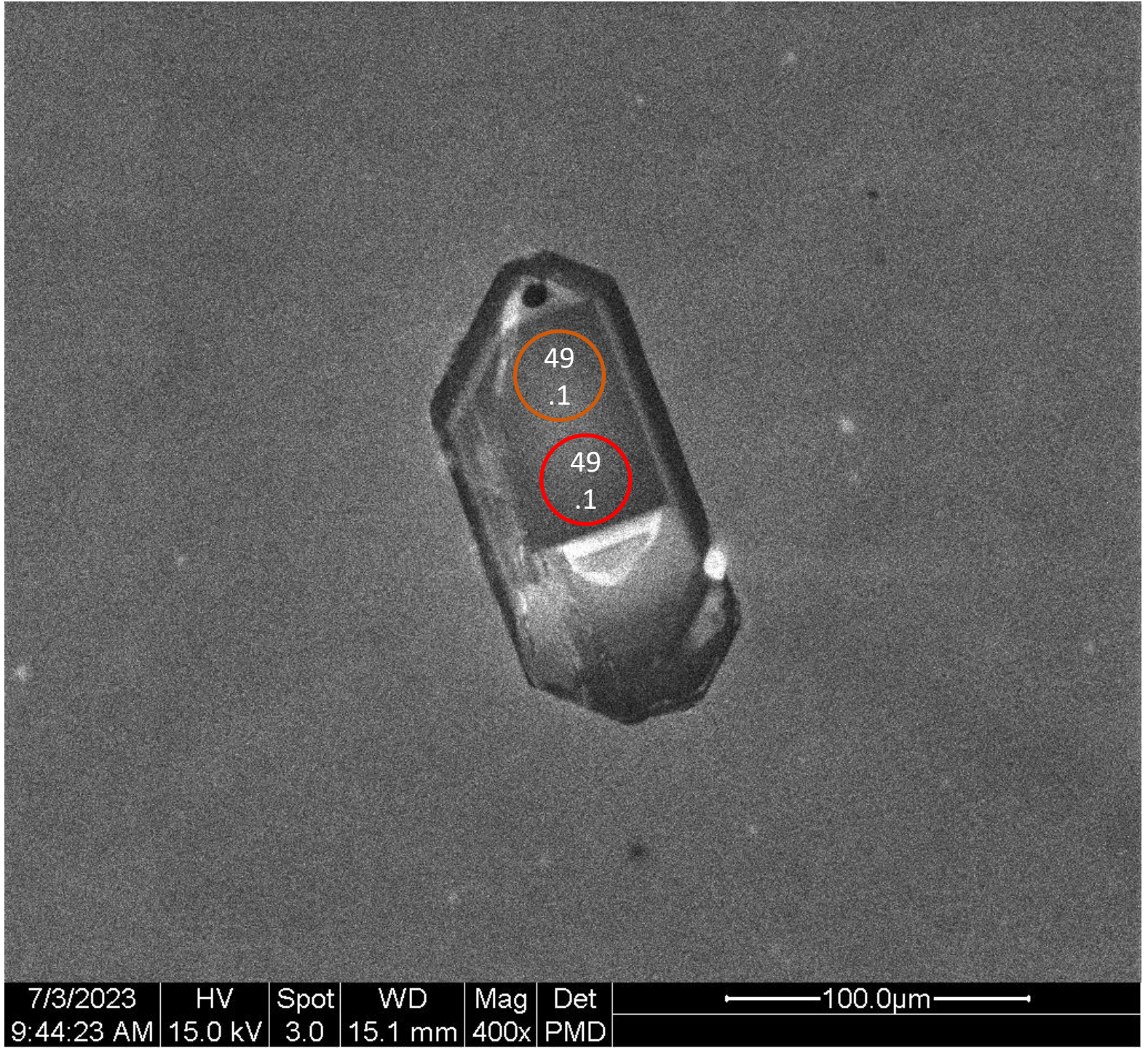
CG23CR08-CL_049.tif

1 x U-Pb

49.1

1 x TE

49.1



CG23CR08-CL_050.tif

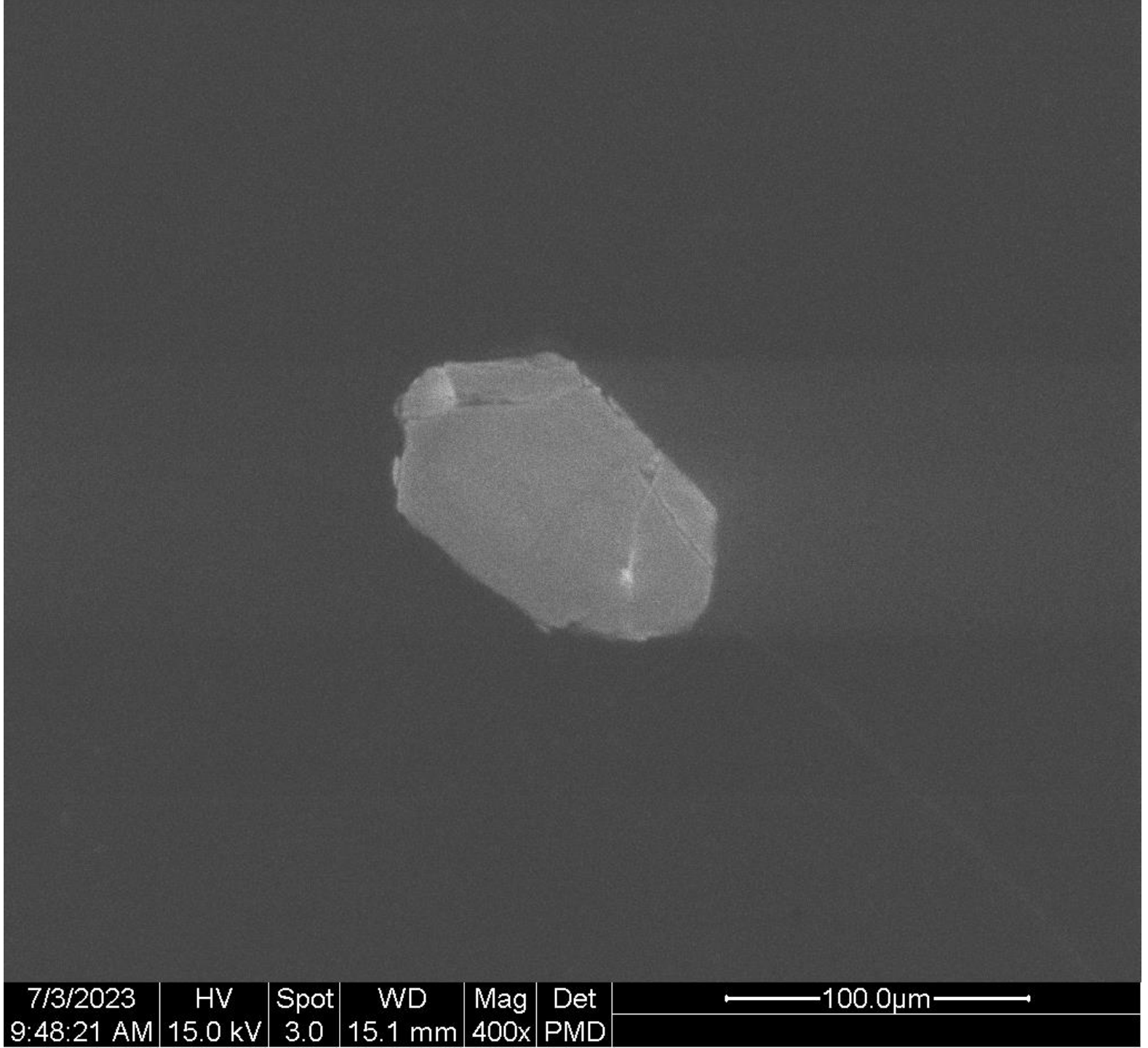
1 x U-Pb

50.1



CG23CR08-CL_051.tif

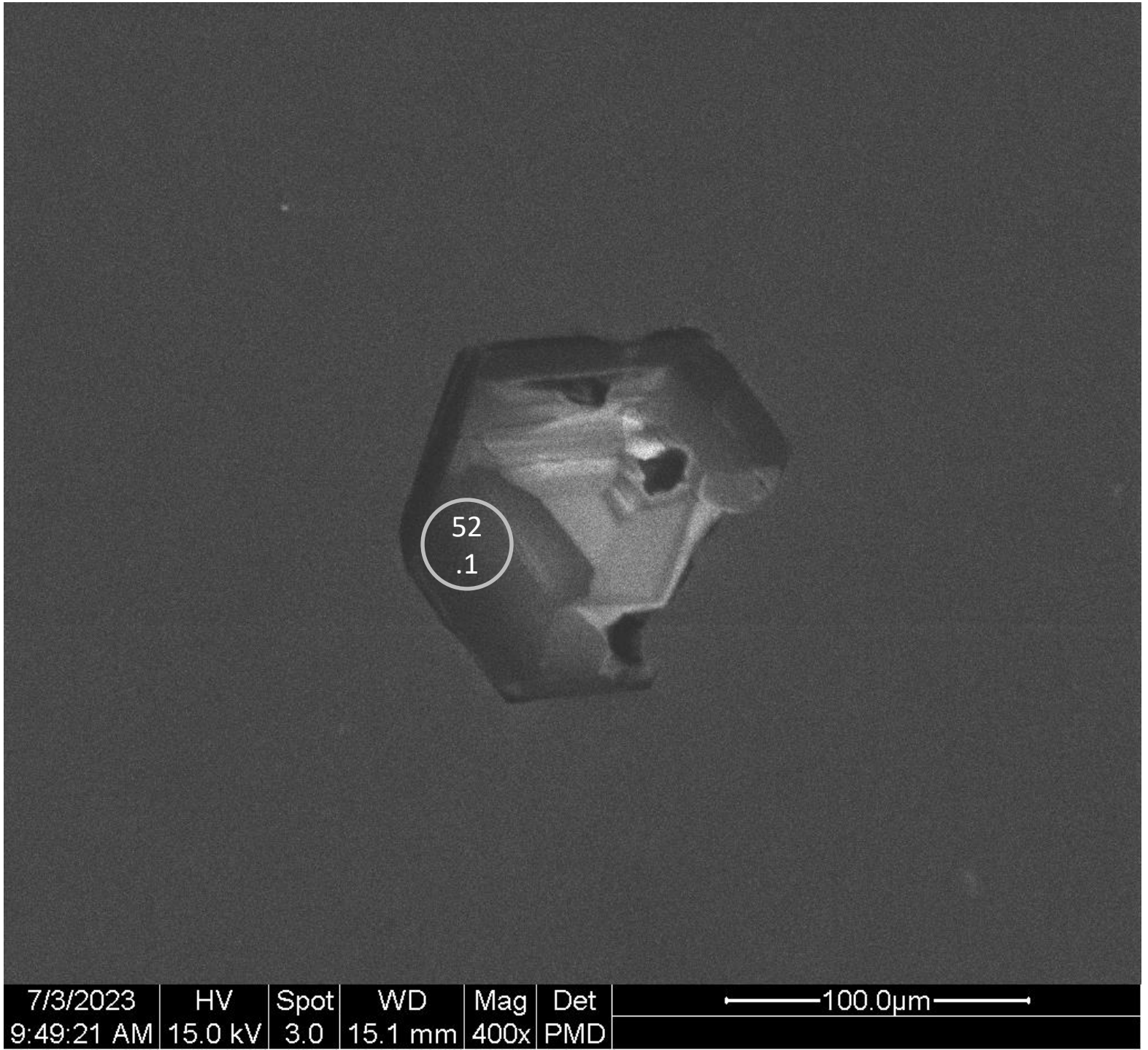
No analysis. Uncertain if this is a zircon?



CG23CR08-CL_052.tif

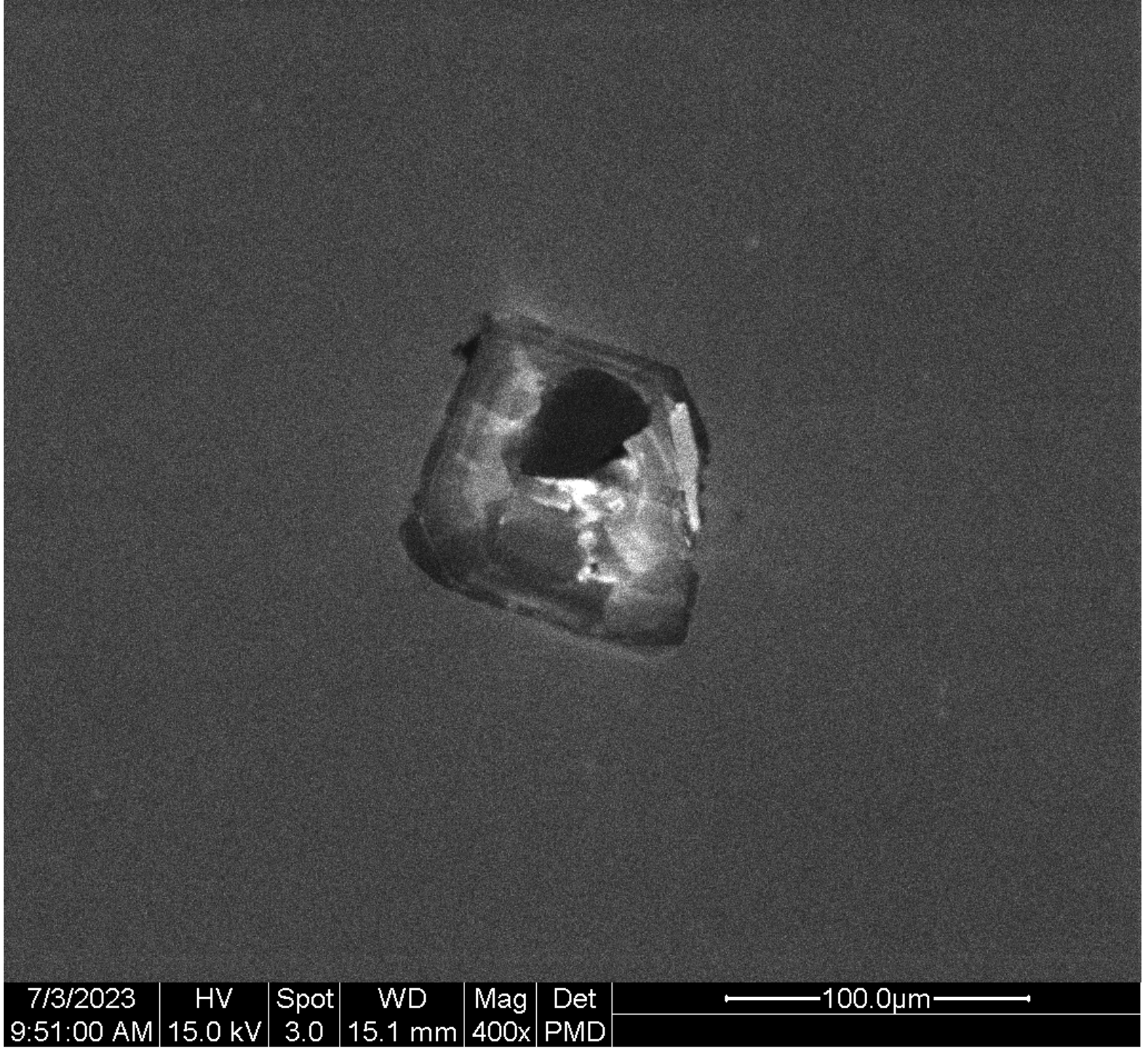
1 x U-Pb

52.1



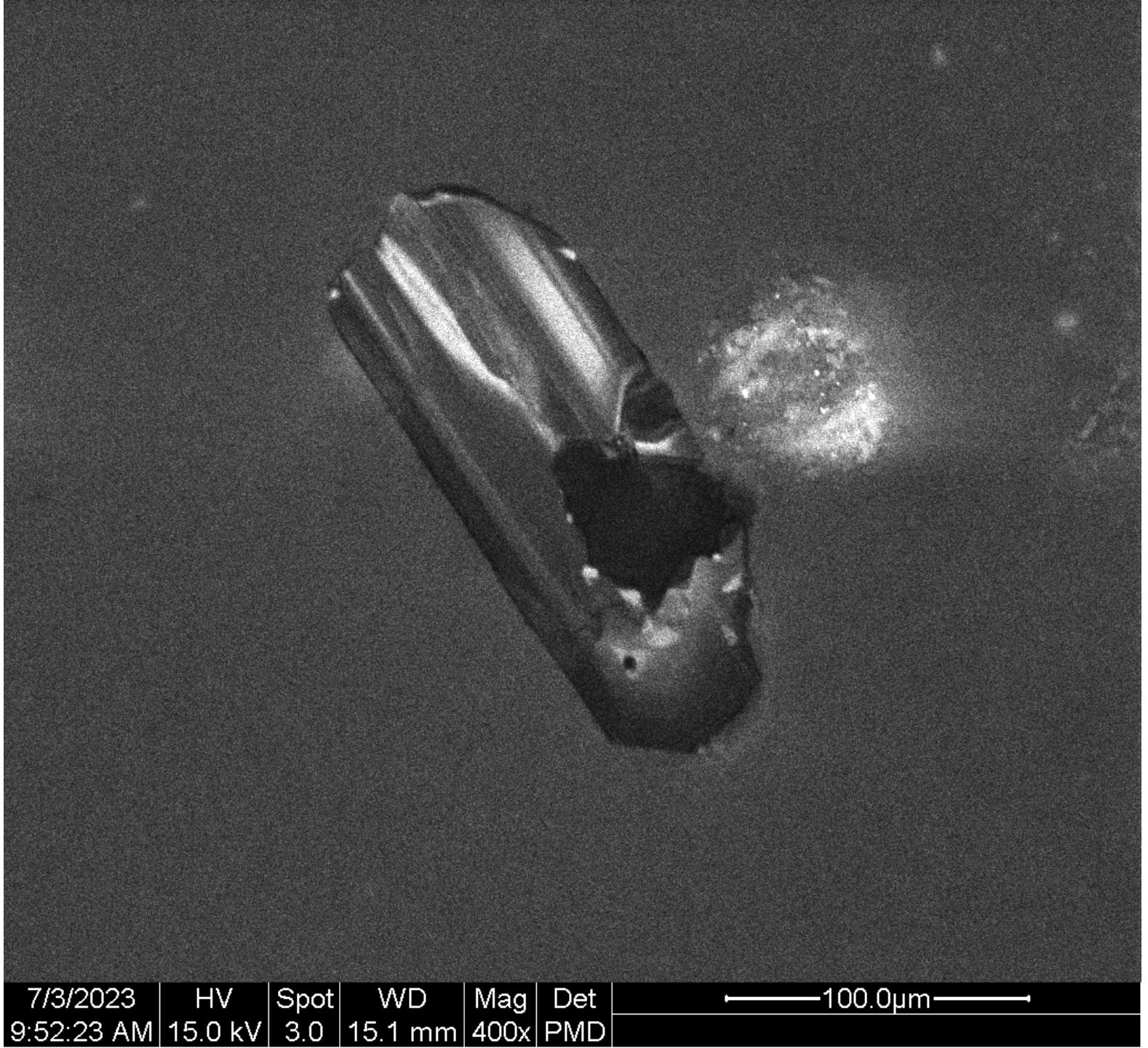
CG23CR08-CL_053.tif

No analysis. Too fractured/indistinguishable zones/altered/zones too small.



CG23CR08-CL_054.tif

No analysis. Fractured/alteration/indistinguishable zones/zones too small.



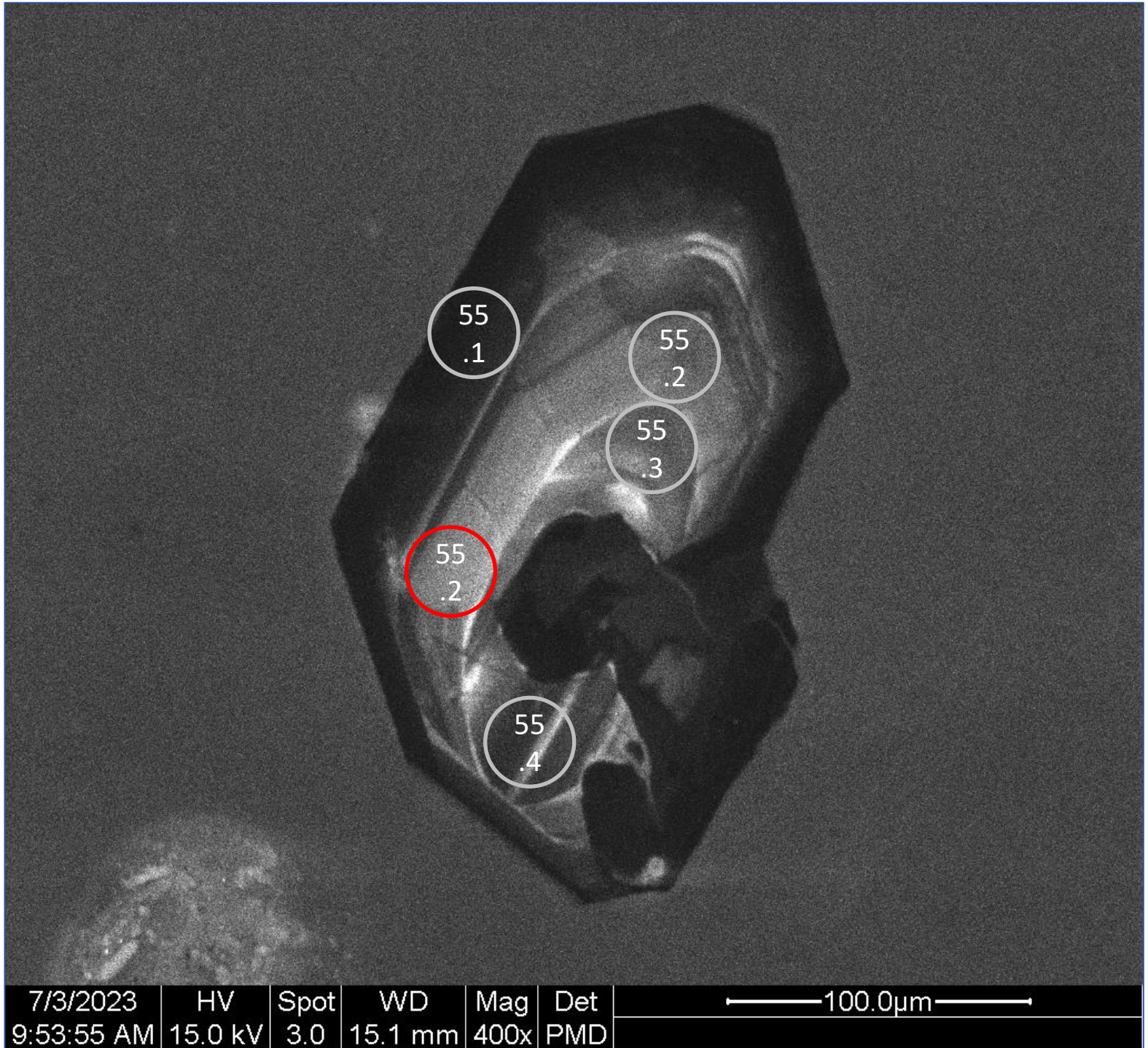
CG23CR08-CL_055.tif

4 x U-Pb

55.1, 55.2, 55.3, 55.4

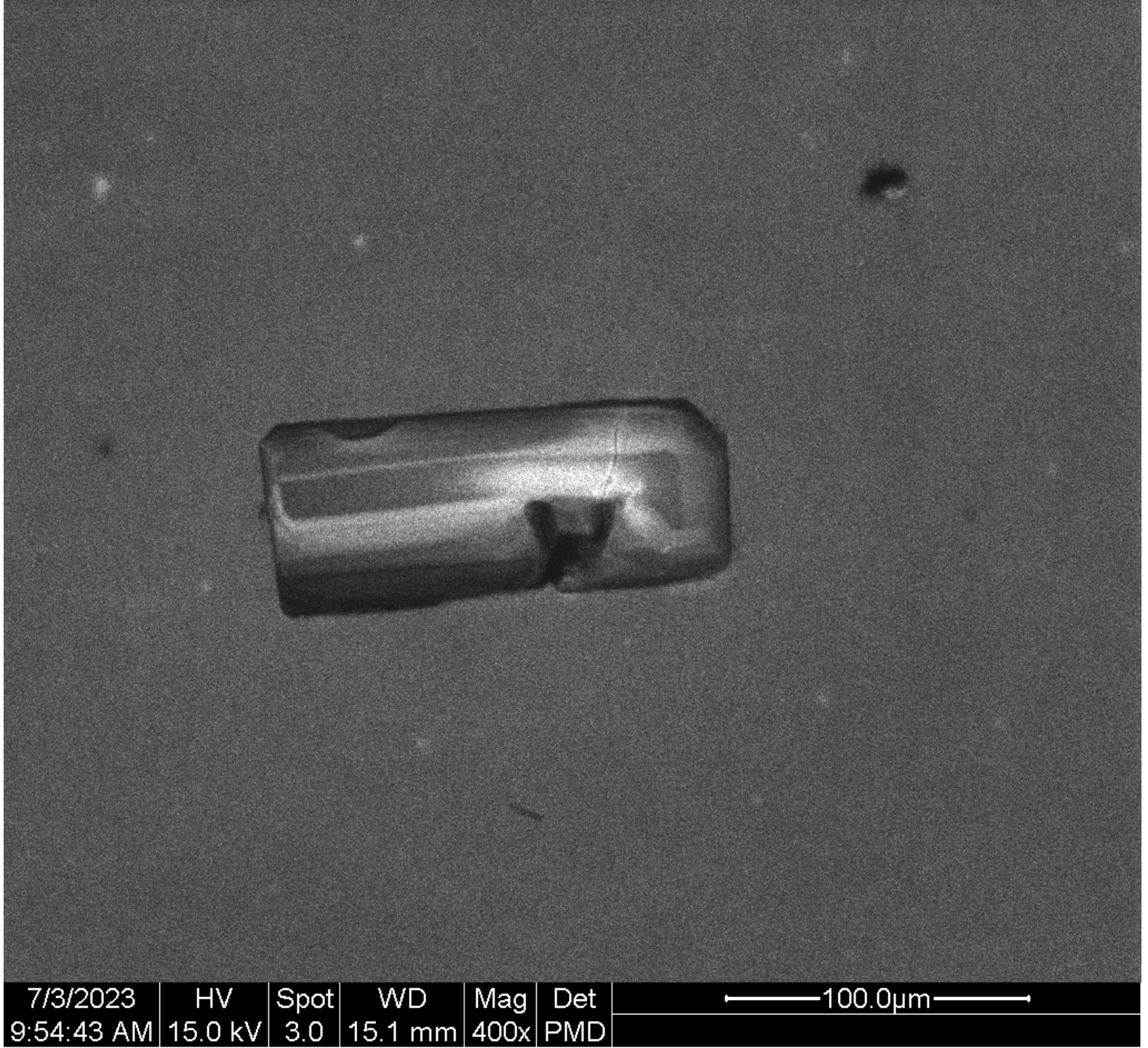
1 x TE

55.1



CG23CR08-CL_056.tif

No analysis. Uncertain if this is a zircon? Tabular habit. Apatite?



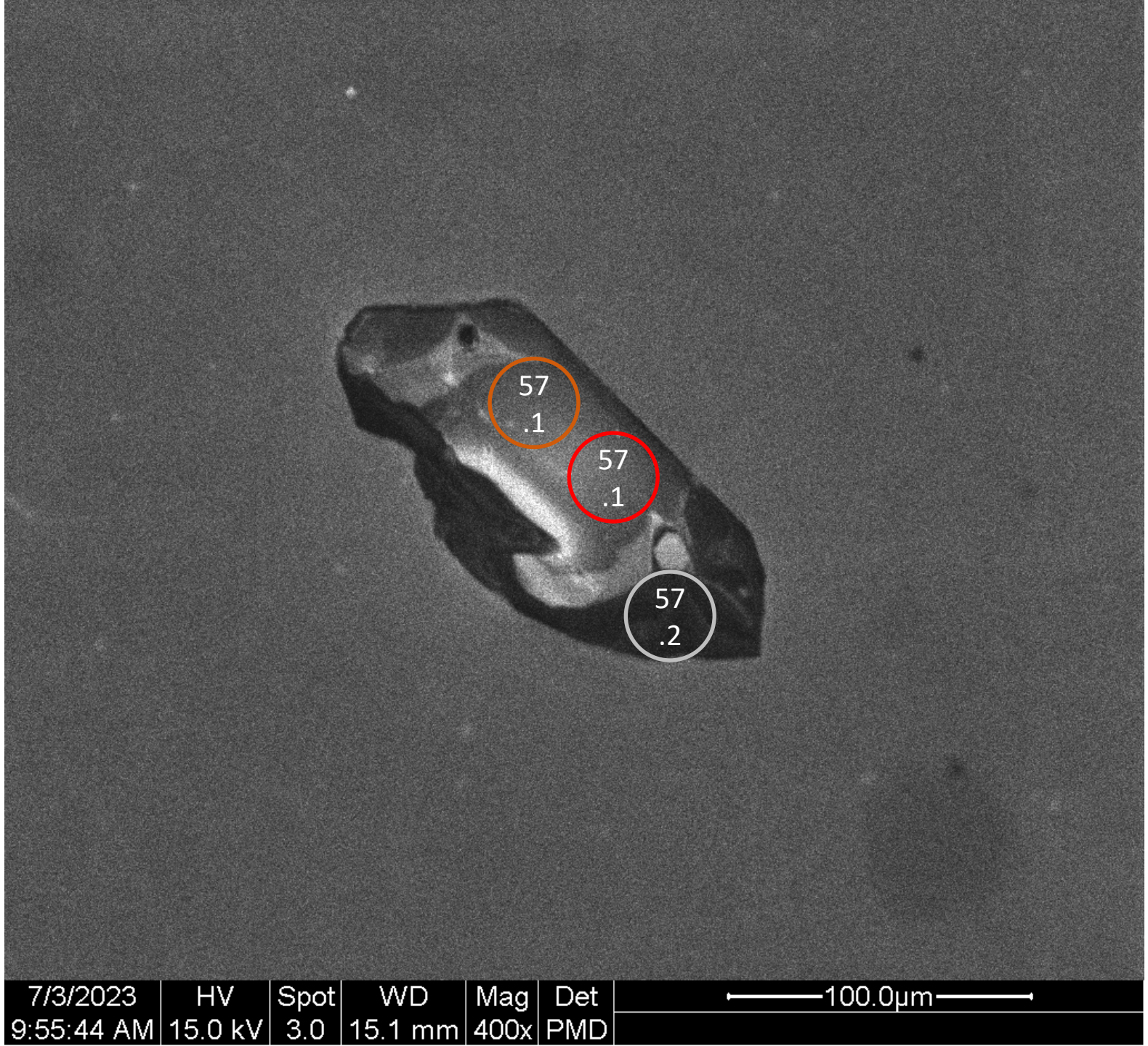
CG23CR08-CL_057.tif

2 x U-Pb

57.1, 57.2

1 x TE

57.1



CG23CR08-CL_058.tif

2 x U-Pb

58.1, 58.2

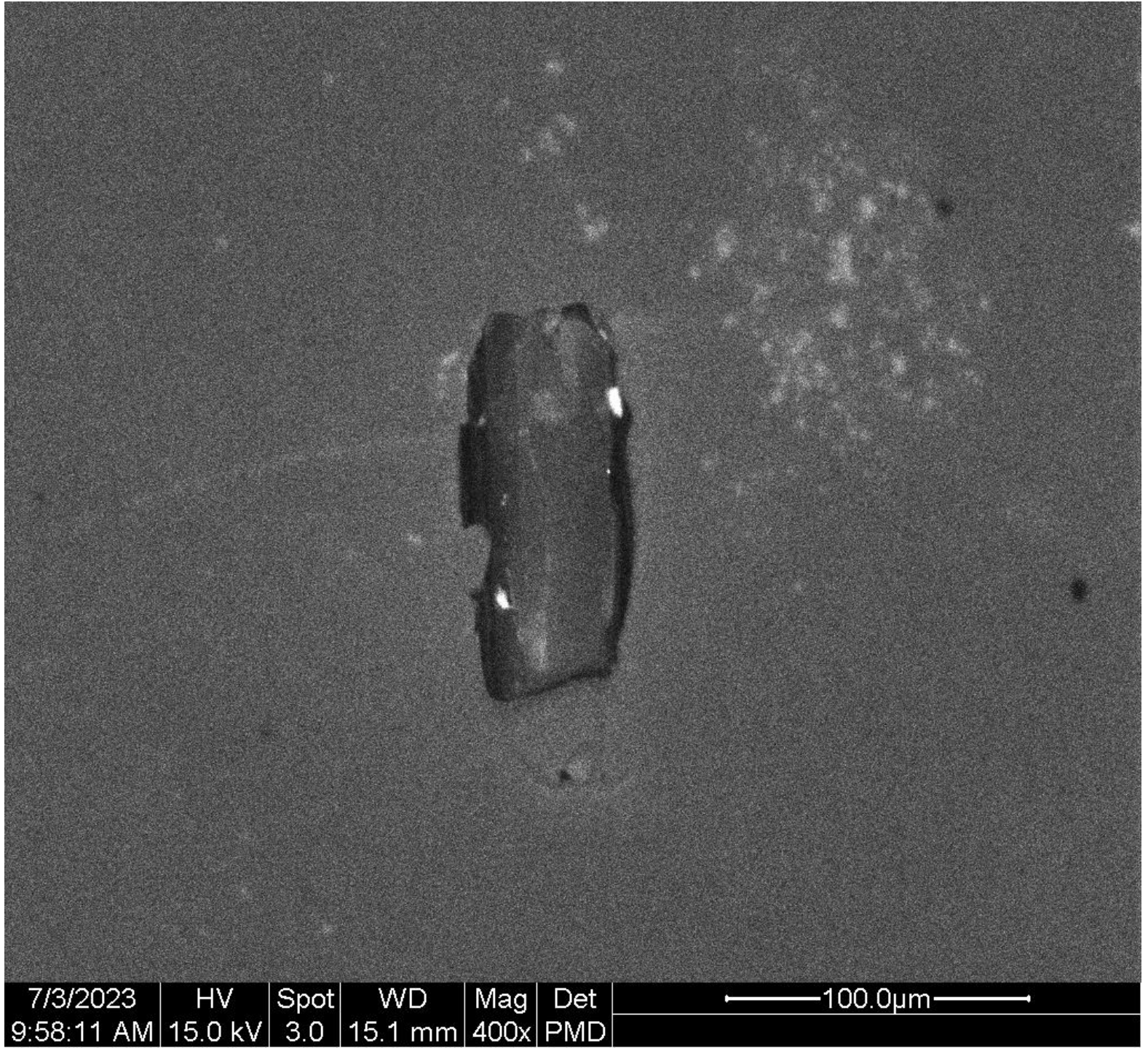
1 x TE

58.1



CG23CR08-CL_059.tif

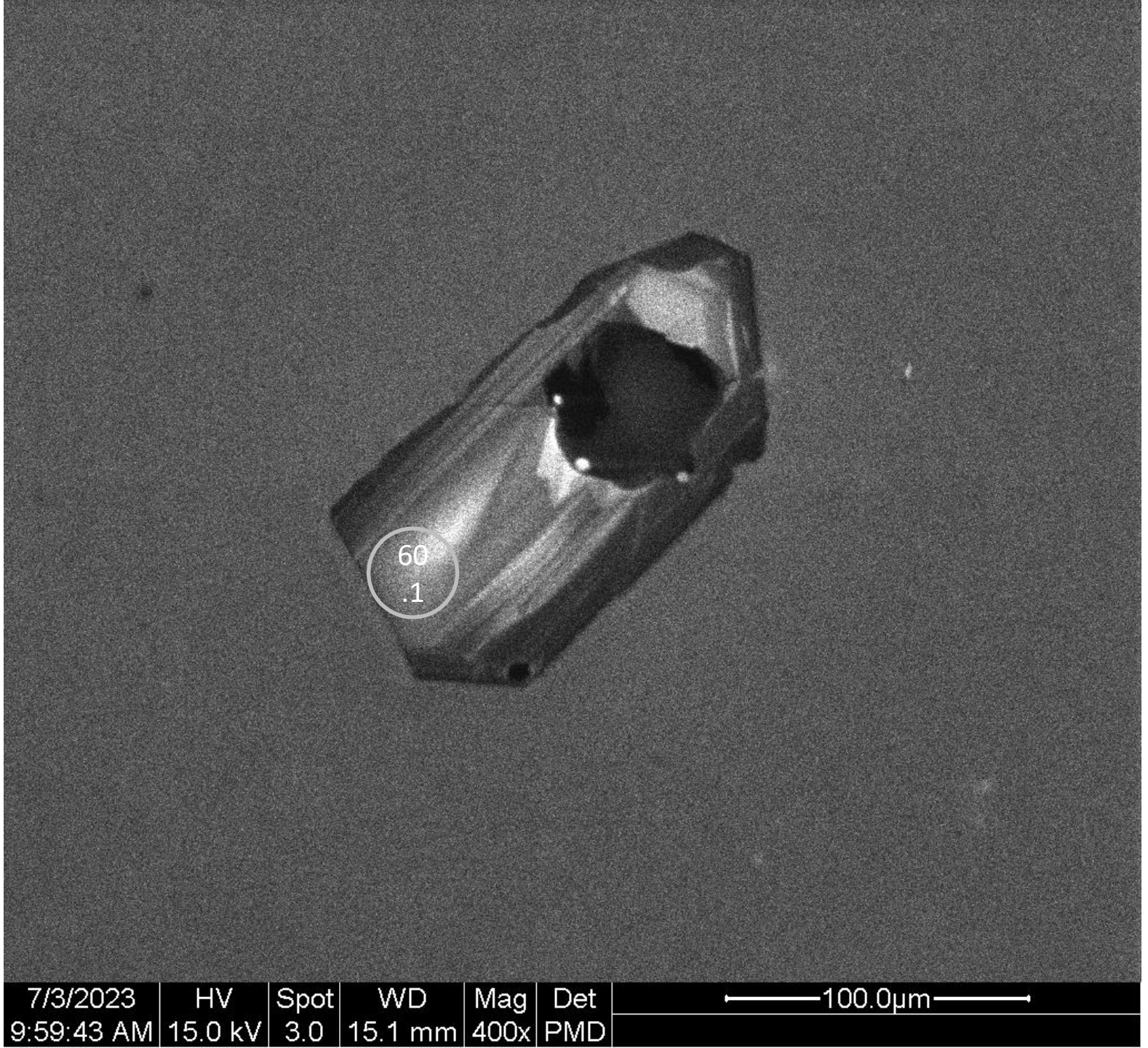
No analysis. Grain too small, cannot distinguish between zones.



CG23CR08-CL_060.tif

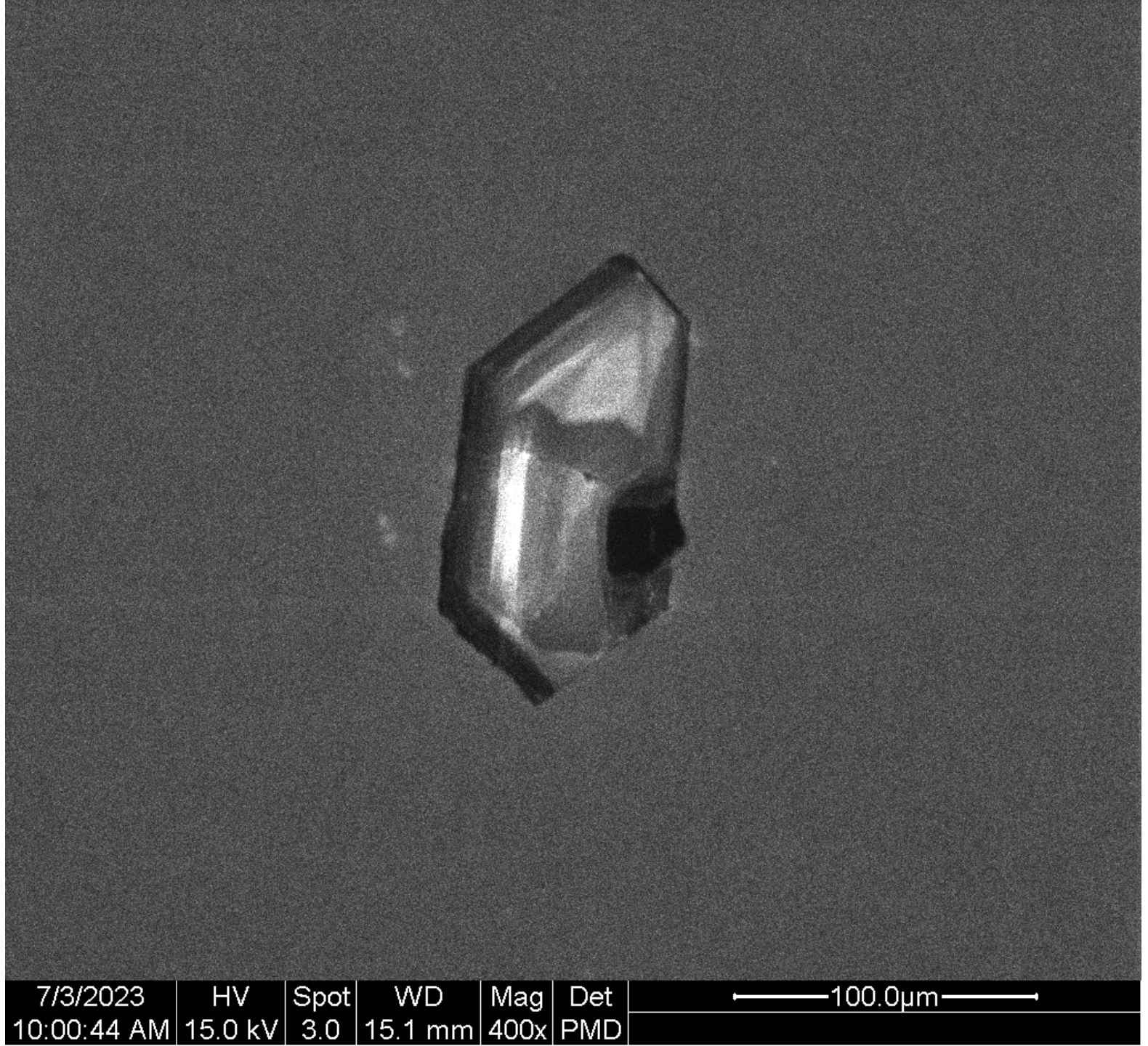
1 x U-Pb

60.1



CG23CR08-CL_061.tif

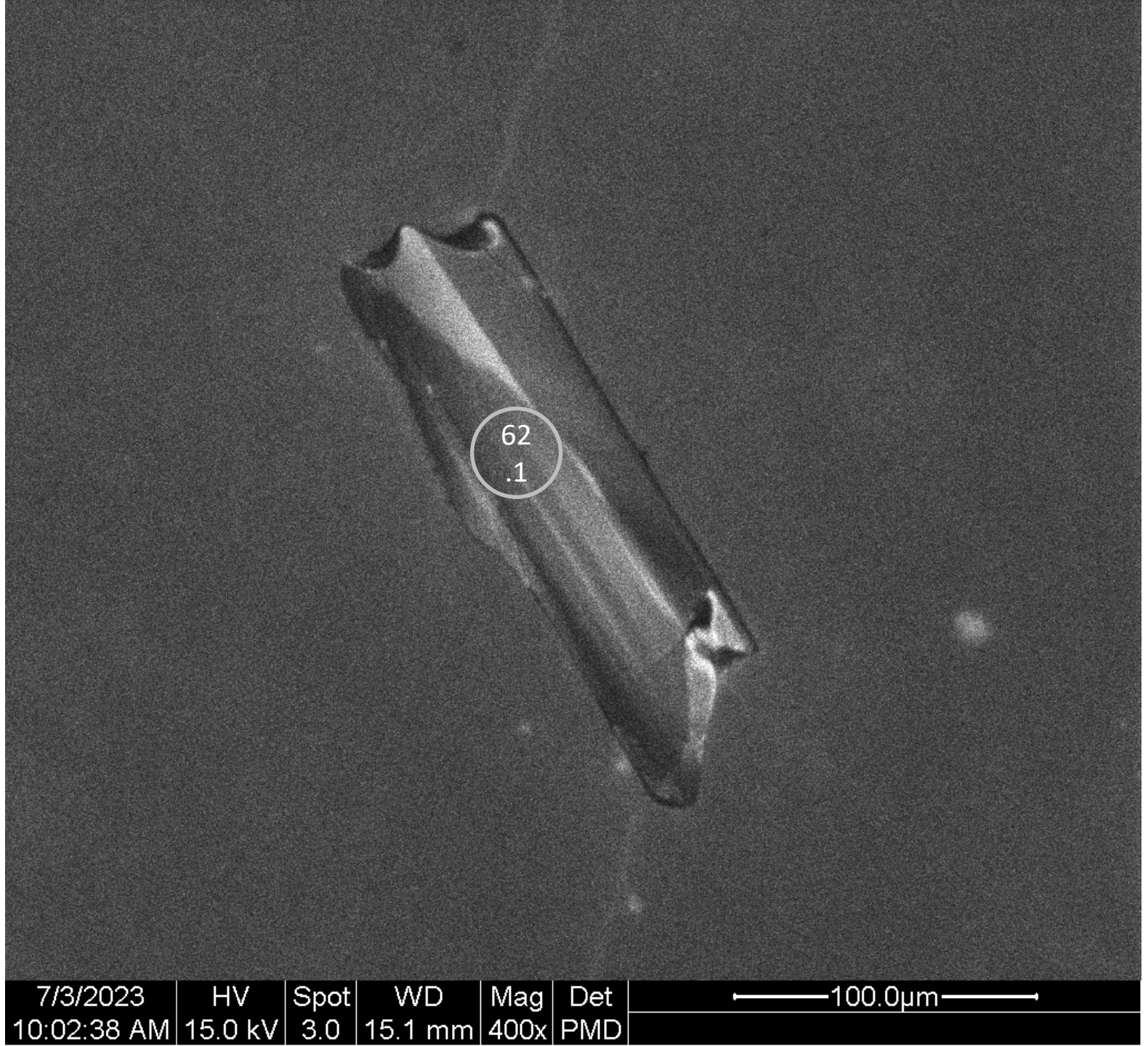
No analysis. Grain too small/zones too narrow.



CG23CR08-CL_062.tif

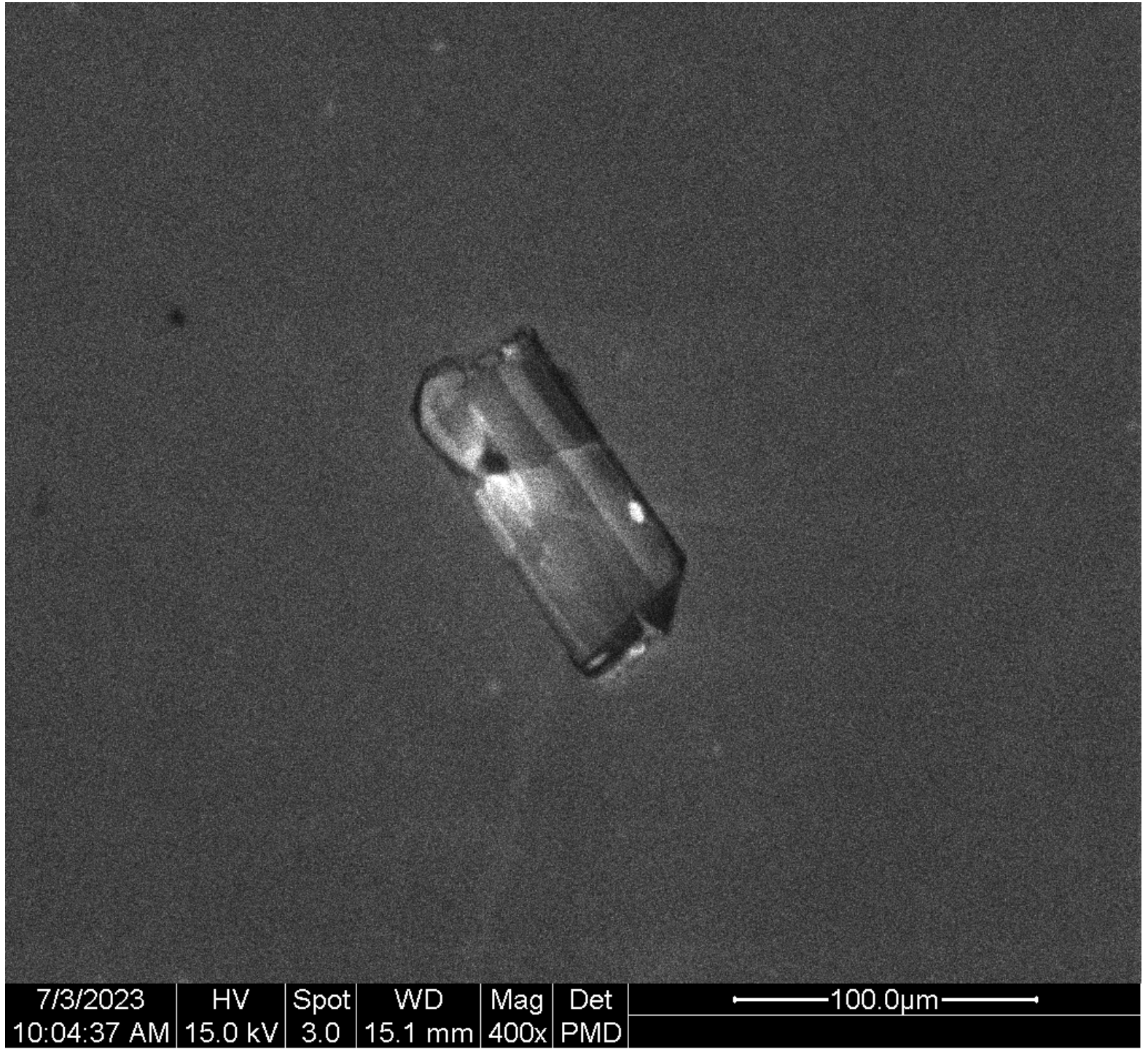
1 x U-Pb

62.1



CG23CR08-CL_063.tif

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



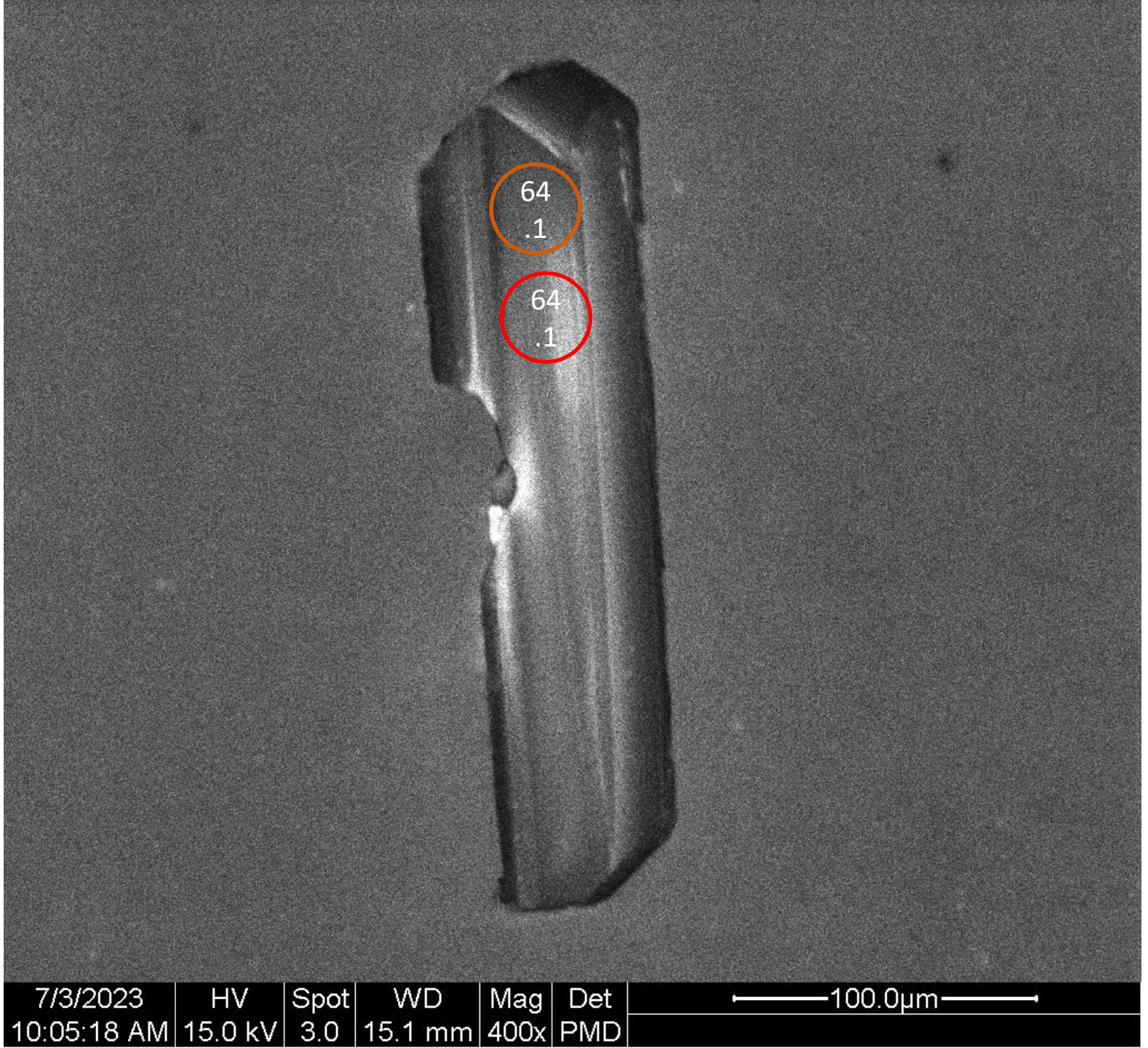
CG23CR08-CL_064.tif

1 x U-Pb

64.1

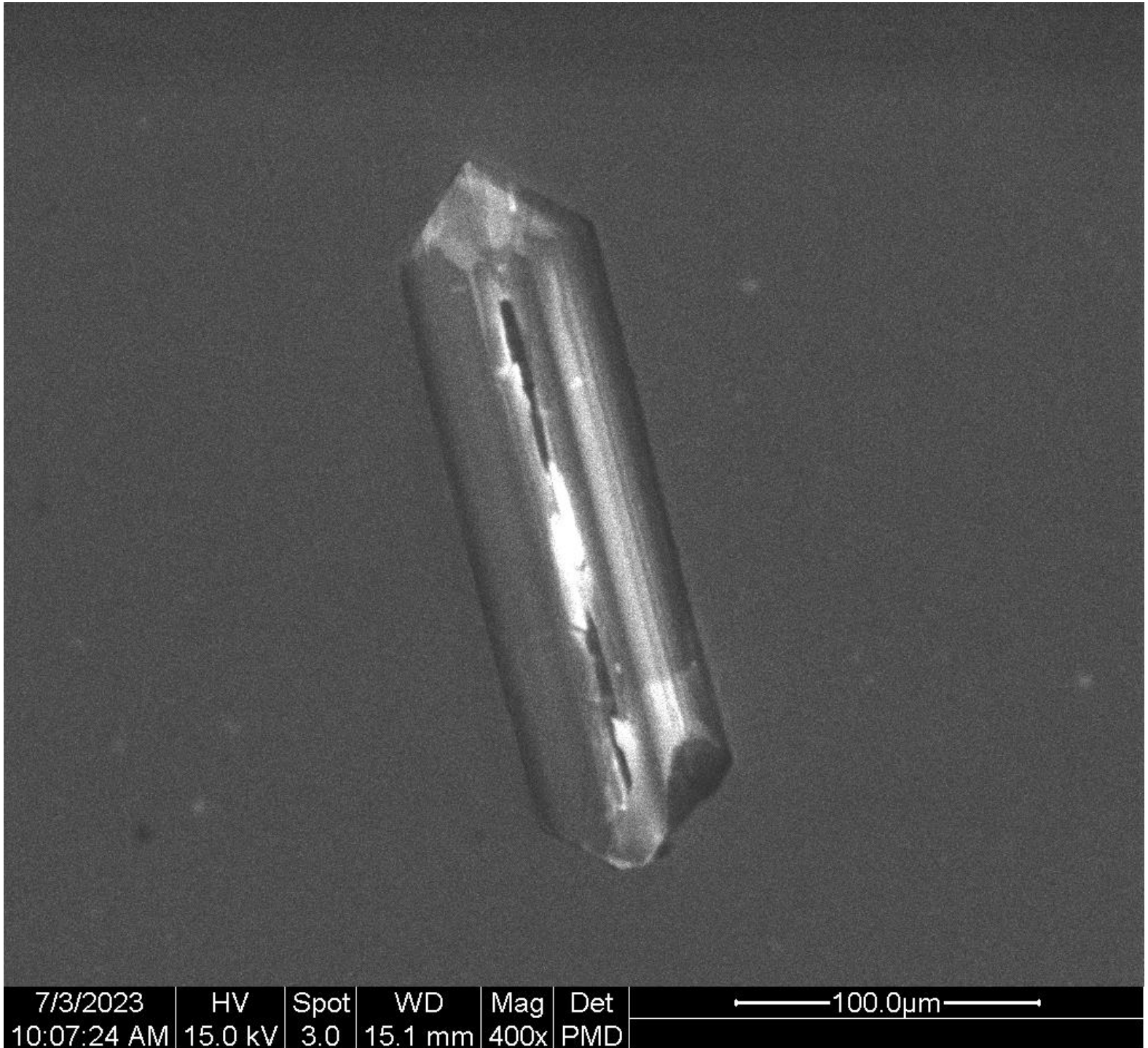
1 x TE

64.1



CG23CR08-CL_065.tif

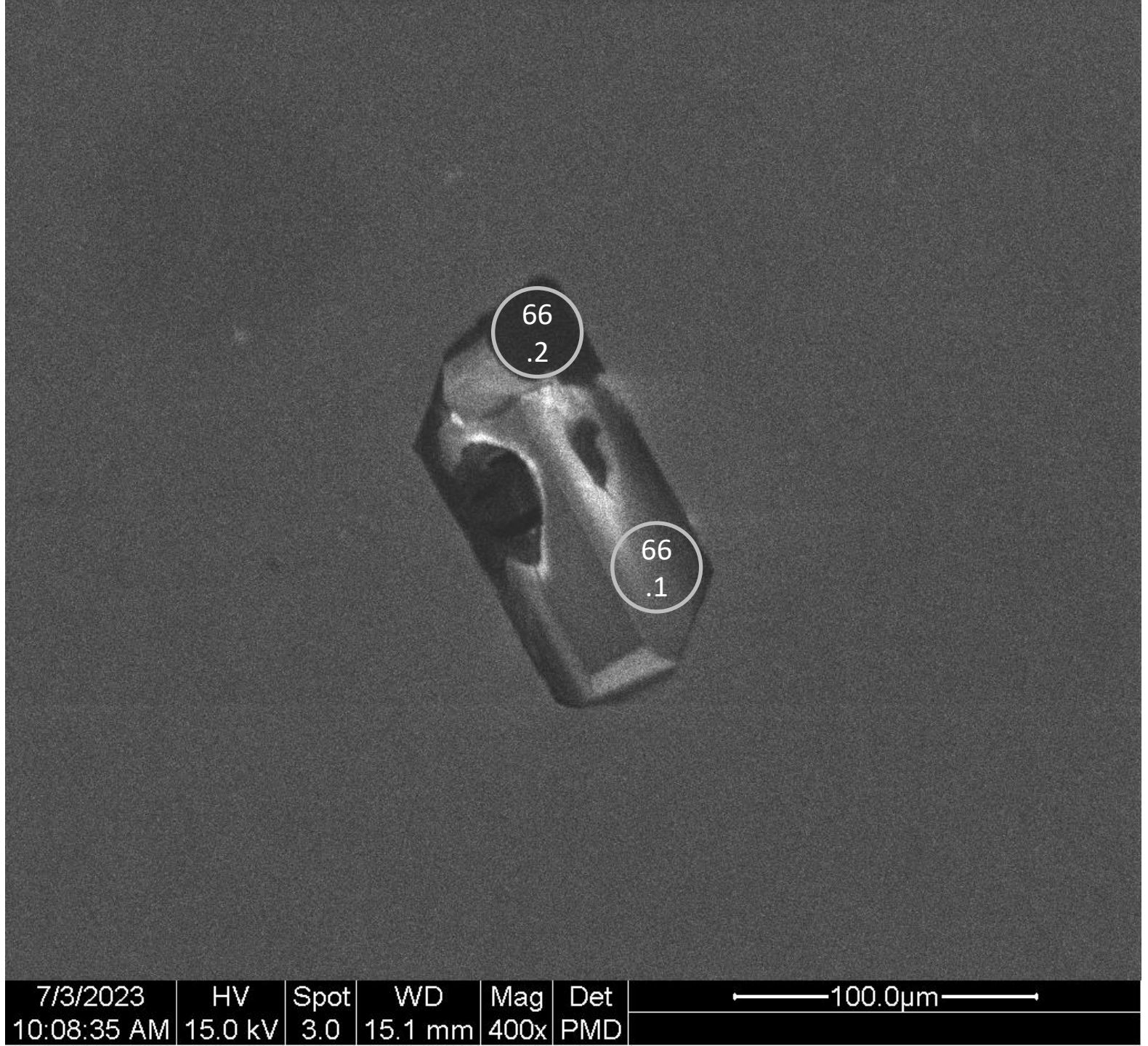
No analysis. Zones too narrow/too fractured.



CG23CR08-CL_066.tif

2 x U-Pb

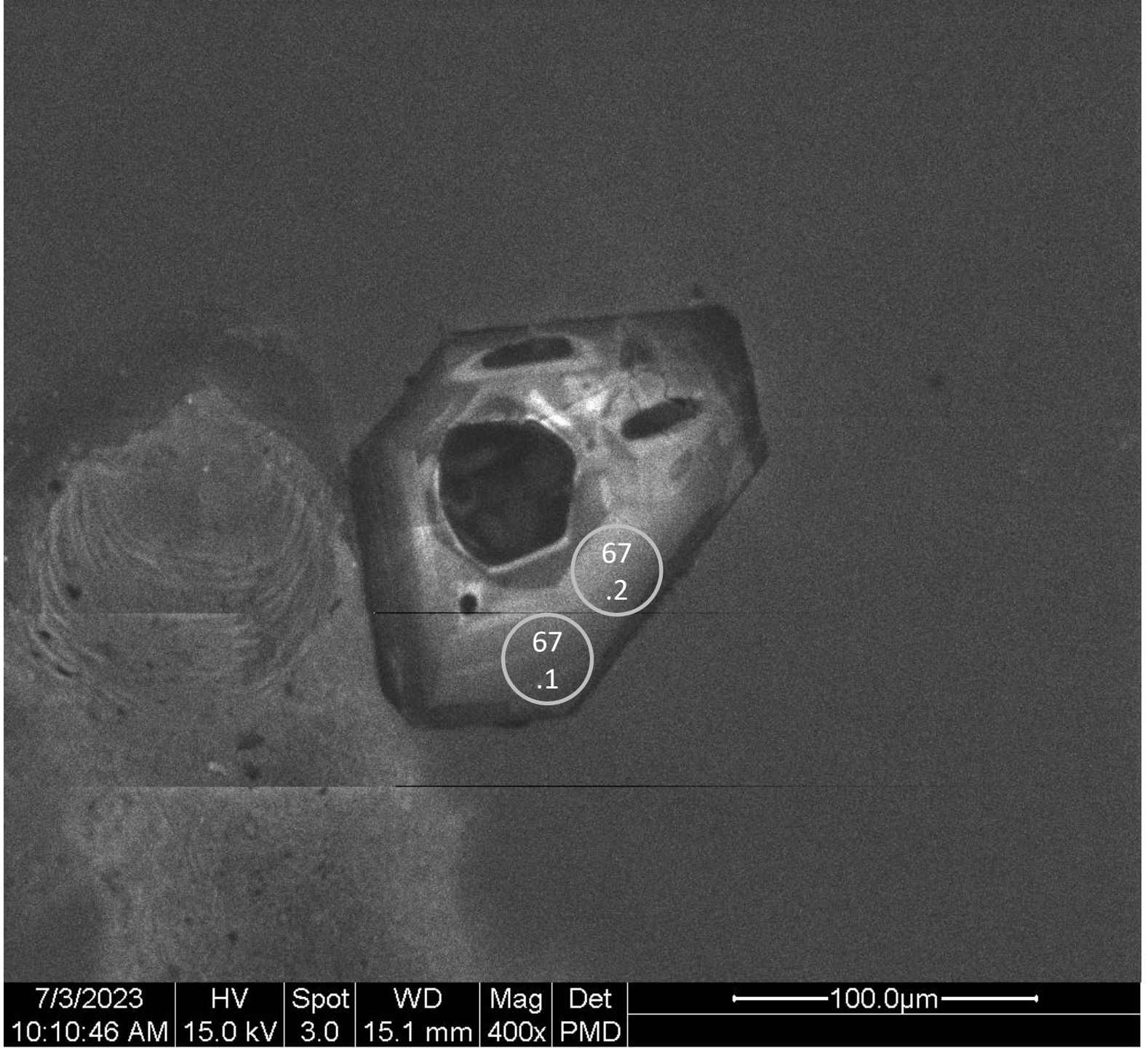
66.1, 66.2



CG23CR08-CL_067.tif

2 x U-Pb

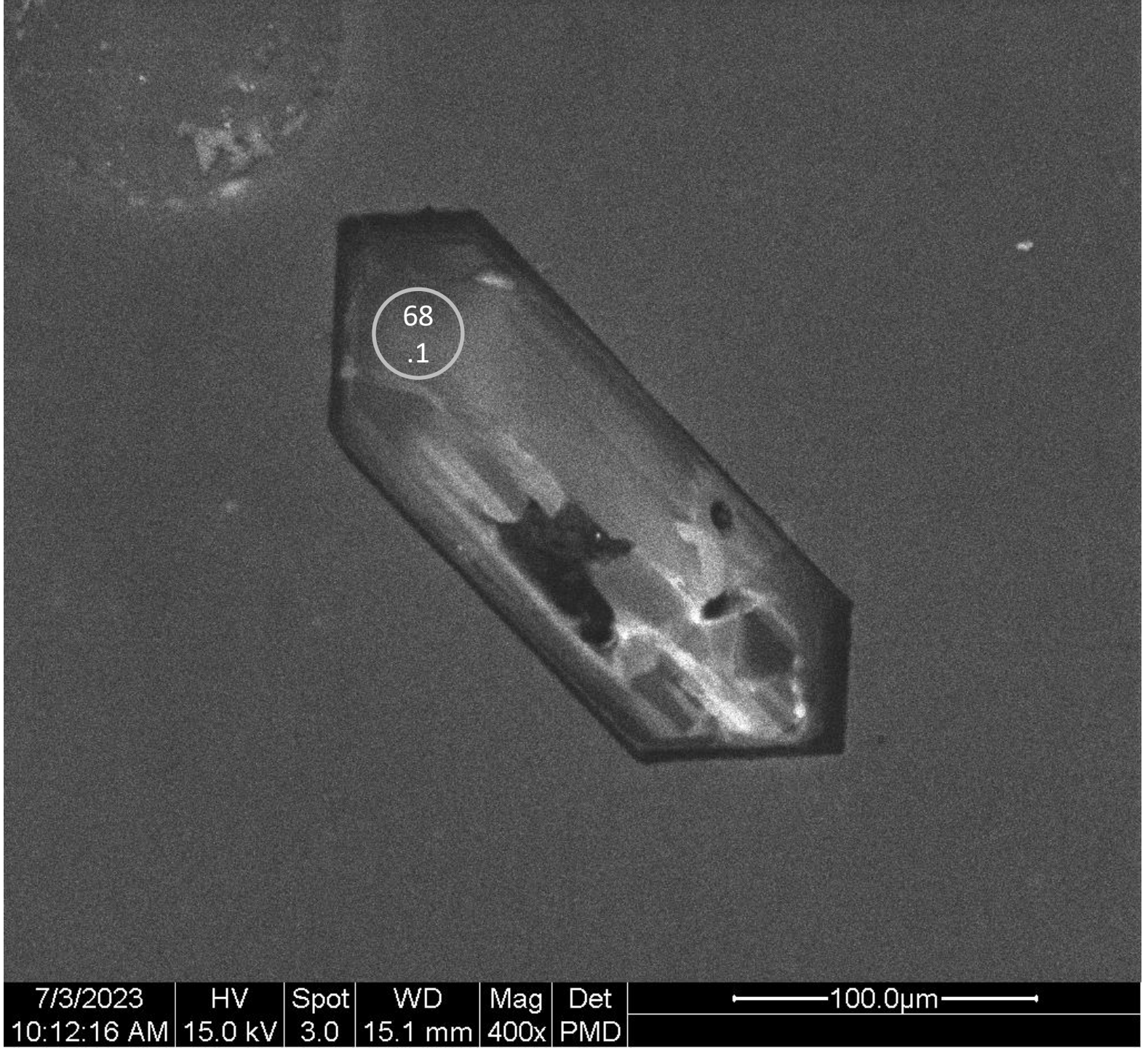
67.1, 67.2



CG23CR08-CL_068.tif

1 x U-Pb

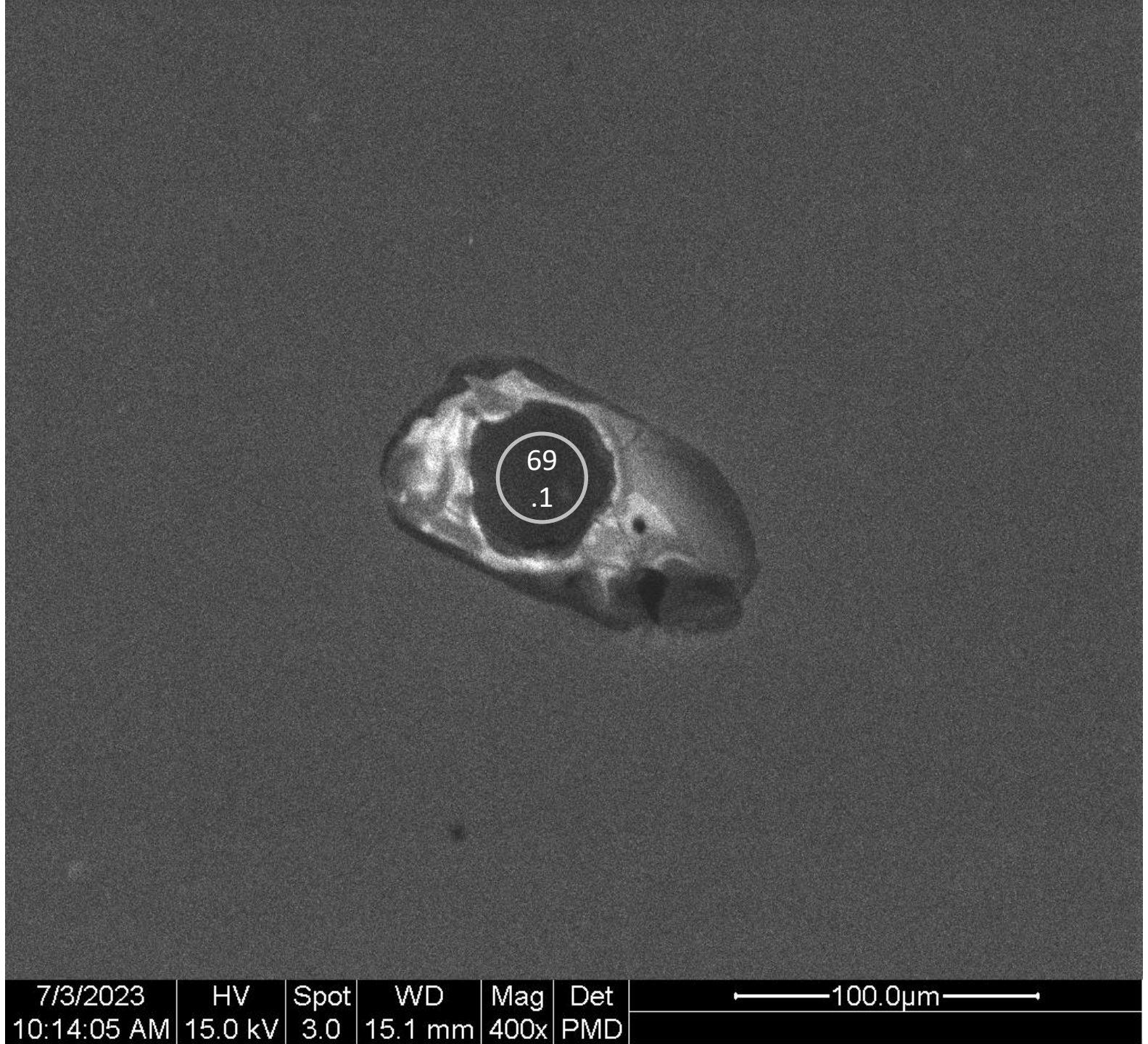
68.1



CG23CR08-CL_069.tif

1 x U-Pb

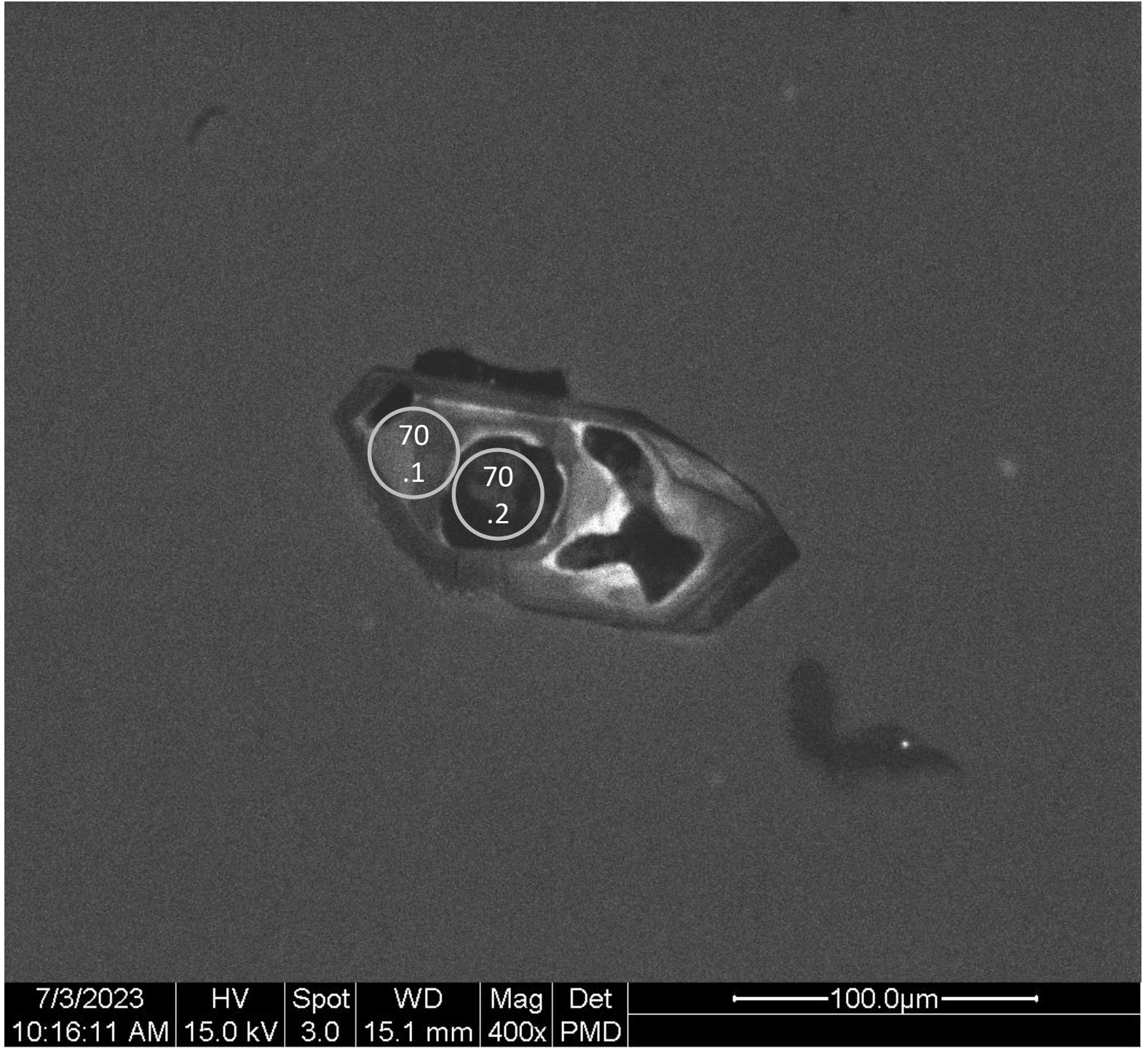
69.1



CG23CR08-CL_070.tif

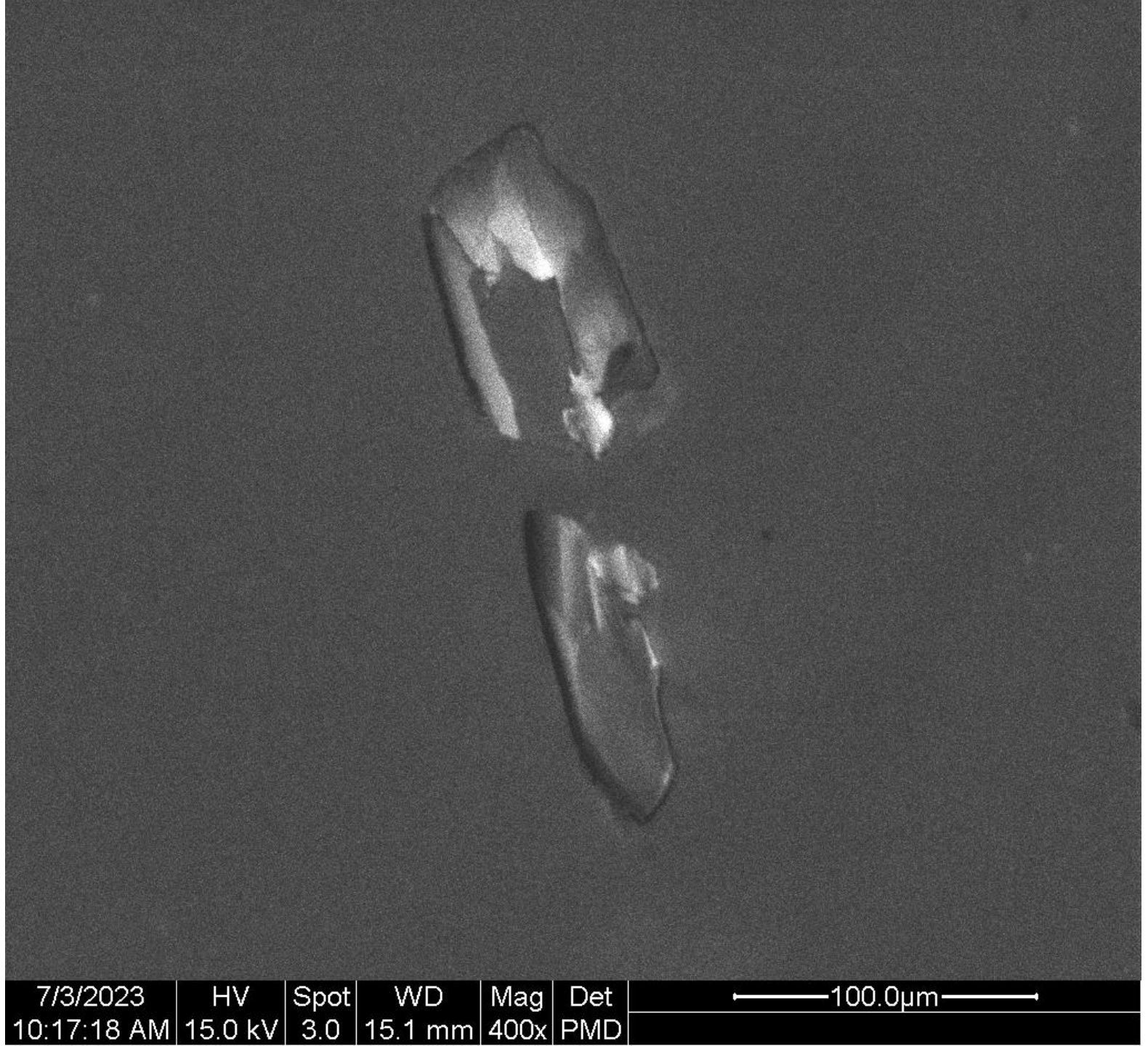
2 x U-Pb

70.1, 70.2



CG23CR08-CL_071.tif

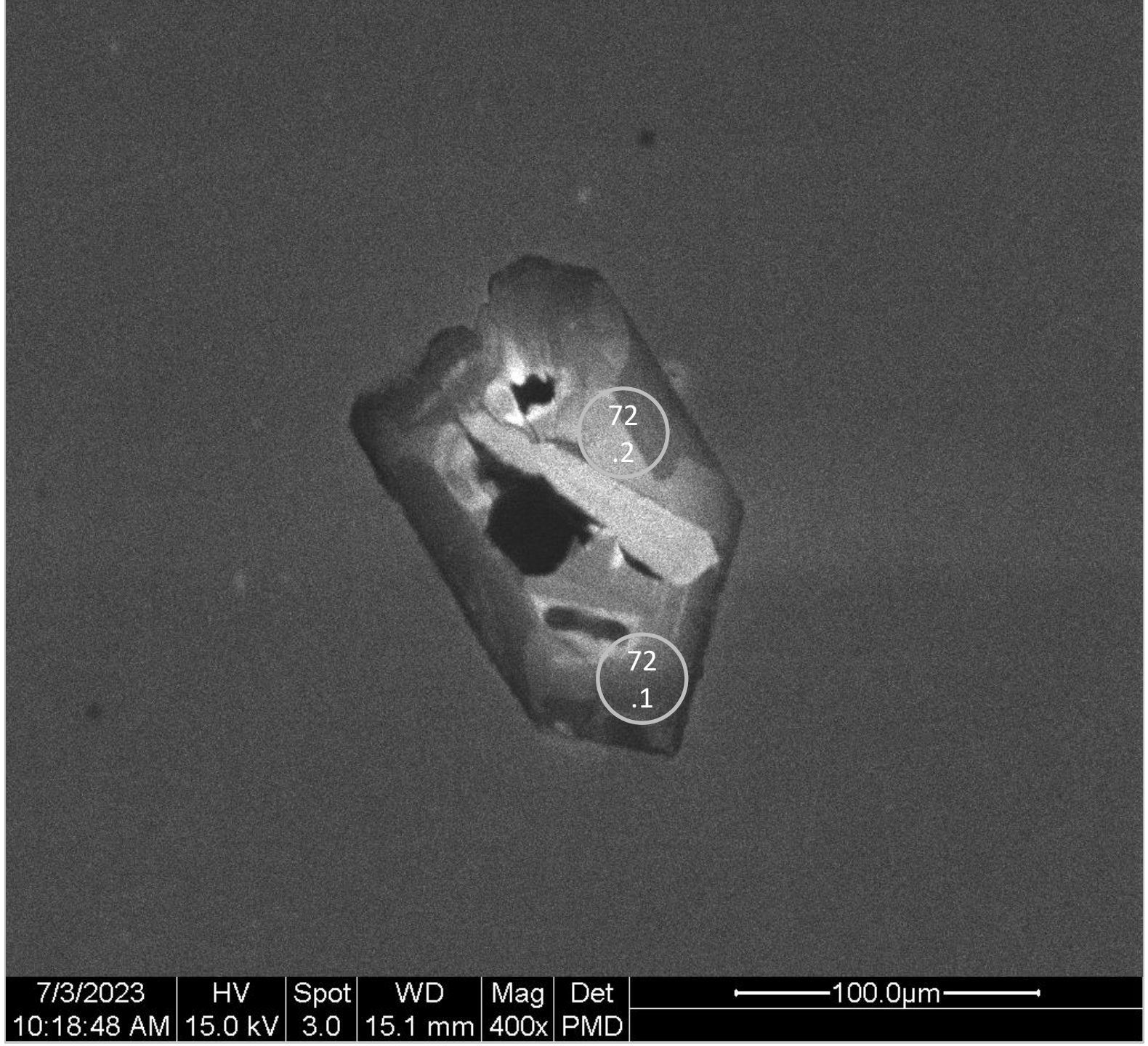
No analysis. Broken grain.



CG23CR08-CL_072.tif

2 x U-Pb

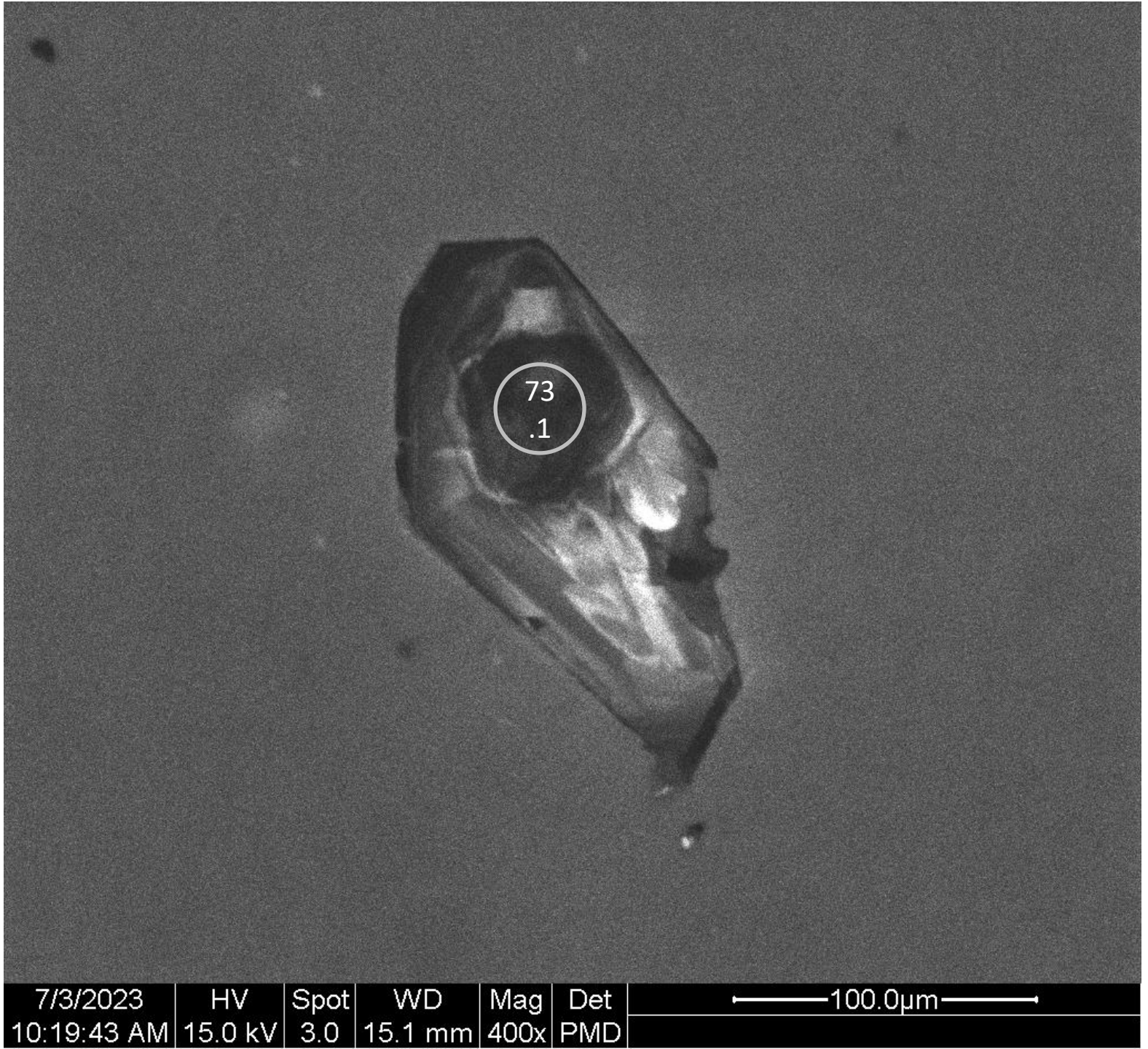
72.1, 72.2



CG23CR08-CL_073.tif

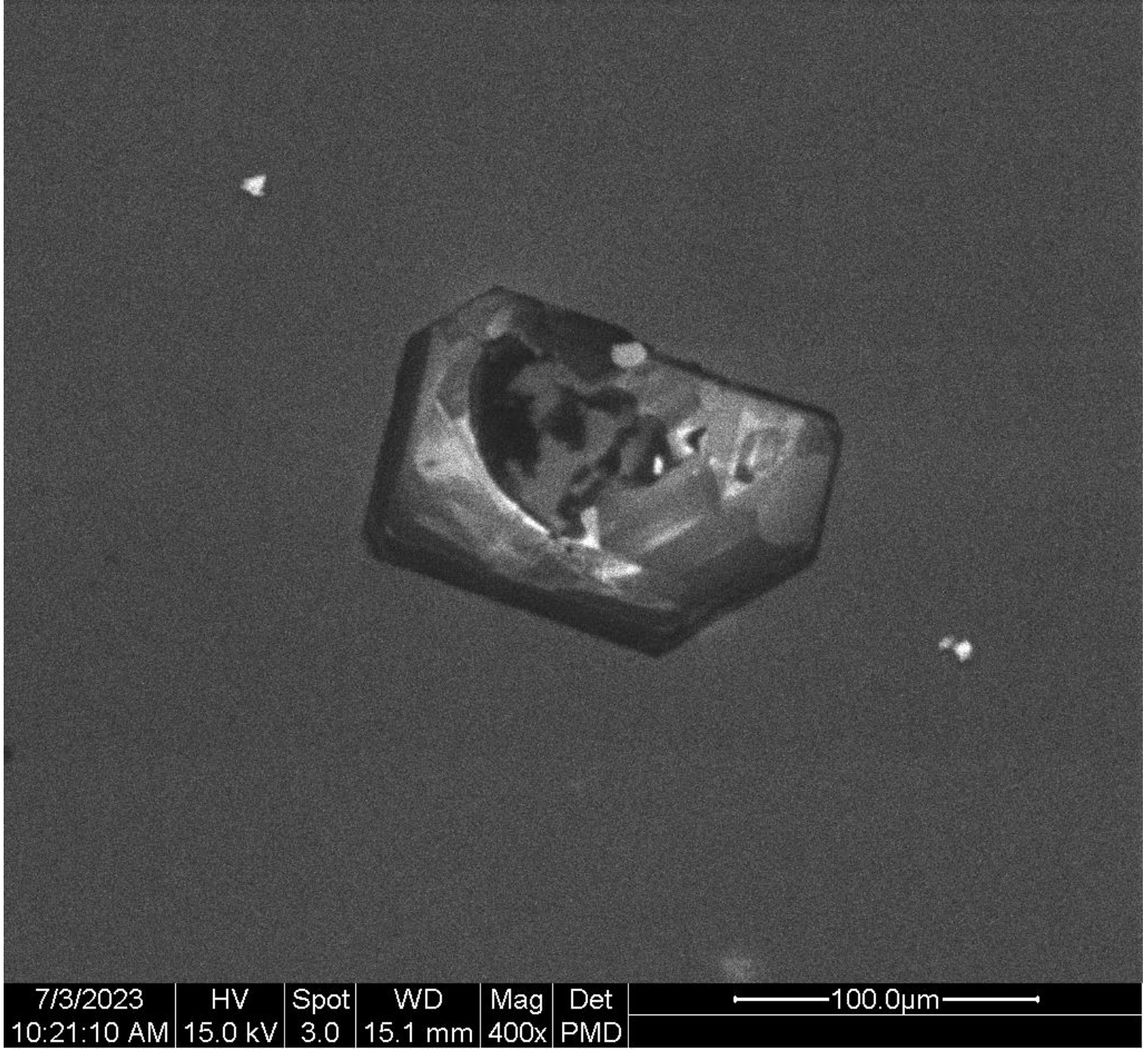
1 x U-Pb

73.1



CG23CR08-CL_074.tif

No analysis. Grain is too altered/fractured/ messy /zones too small.



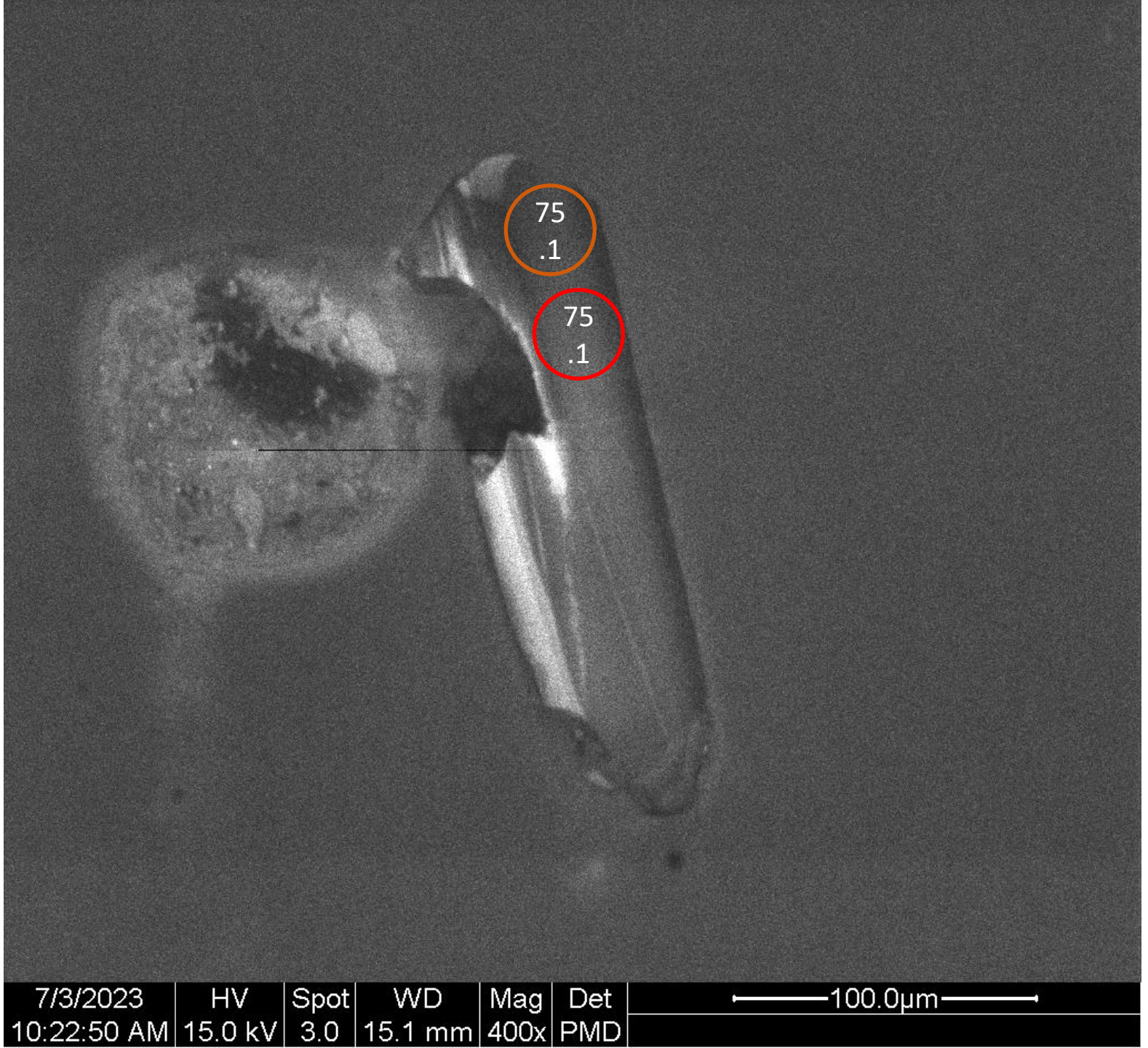
CG23CR08-CL_075.tif

1 x U-Pb

75.1

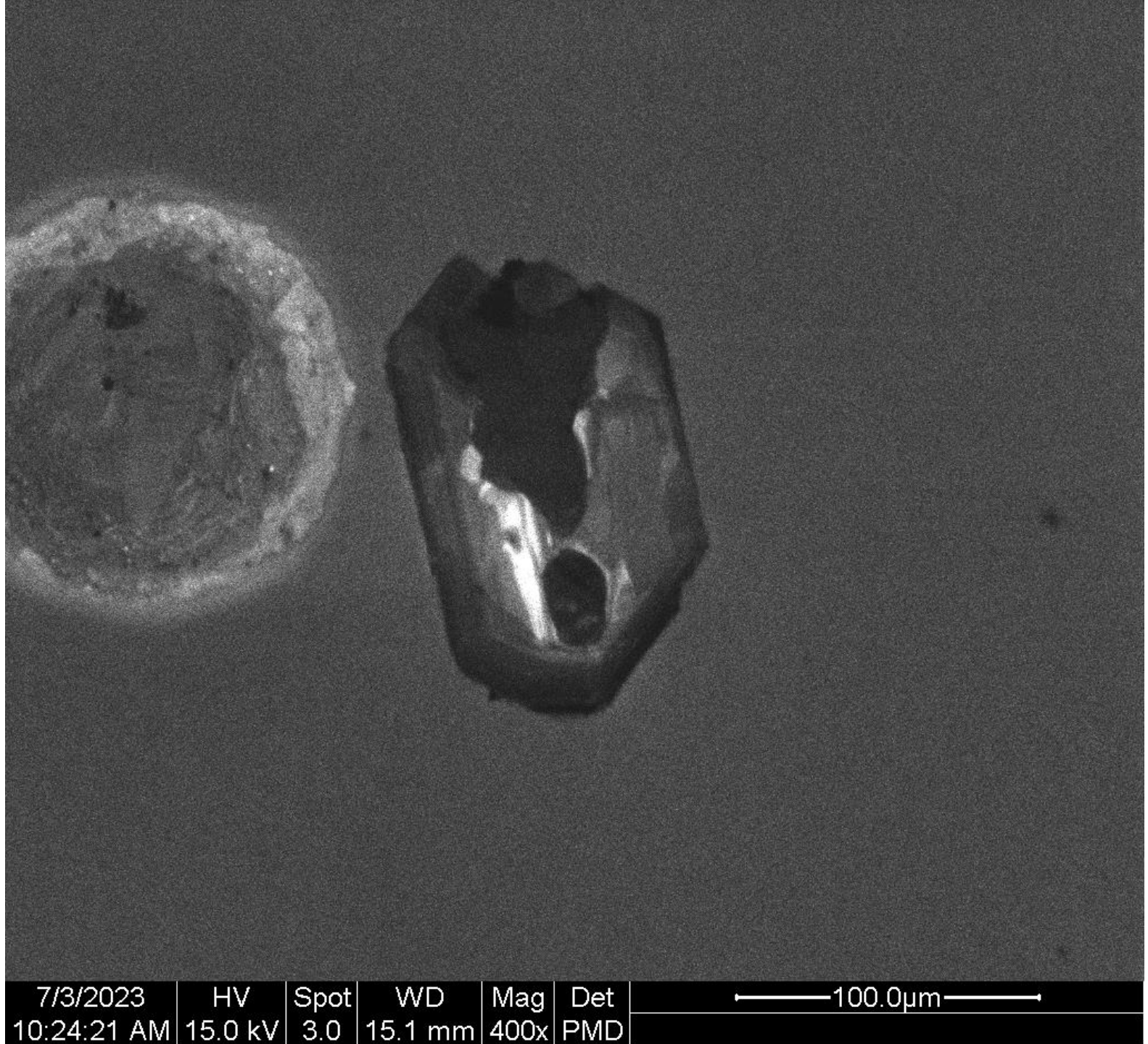
1 x TE

75.1



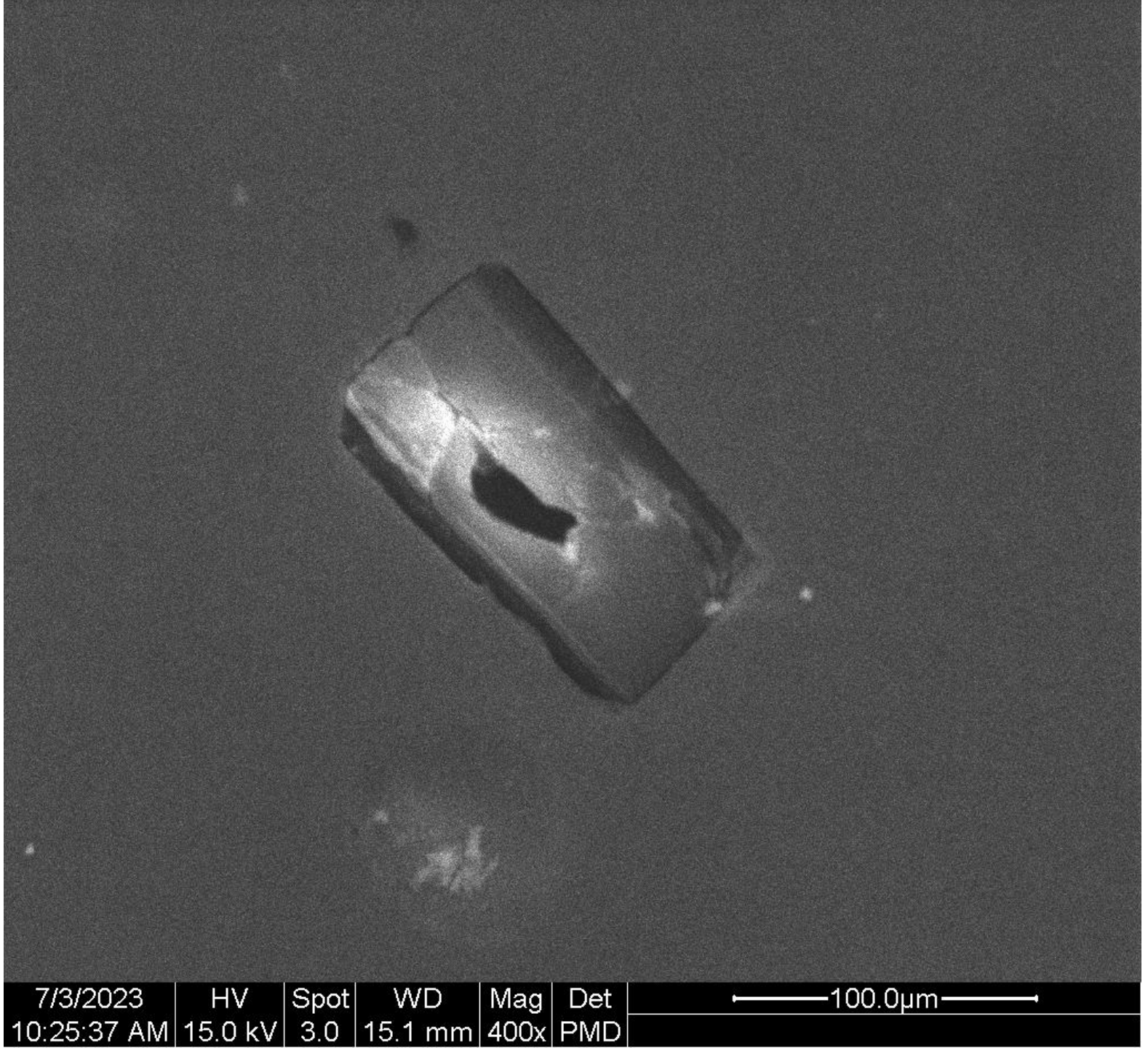
CG23CR08-CL_076.tif

No analysis. Grain is too altered/fractured/ messy.



CG23CR08-CL_077.tif

No analysis. Grain maybe an apatite instead of a zircon?

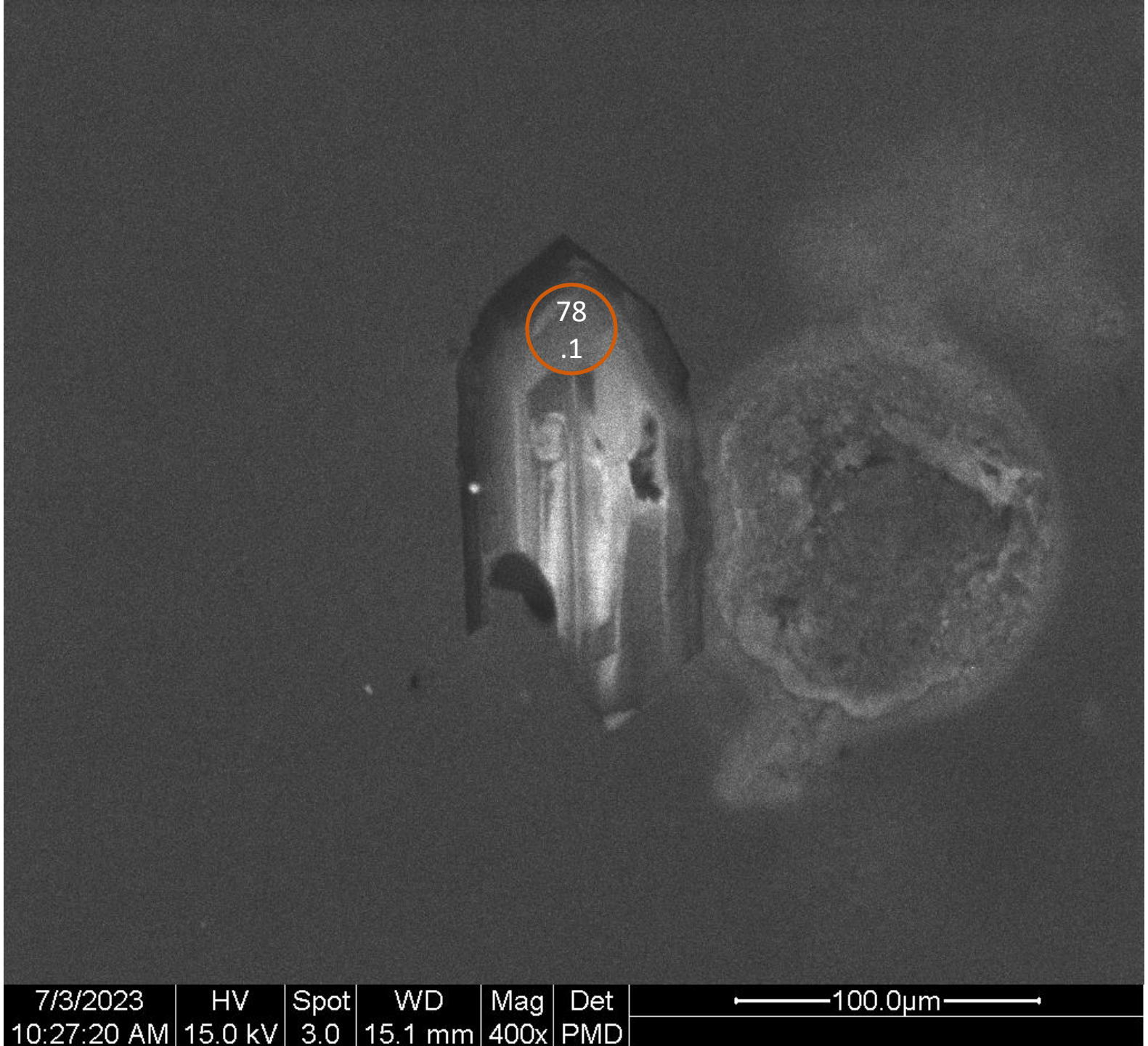


CG23CR08-CL_078.tif

1 x U-Pb

78.1

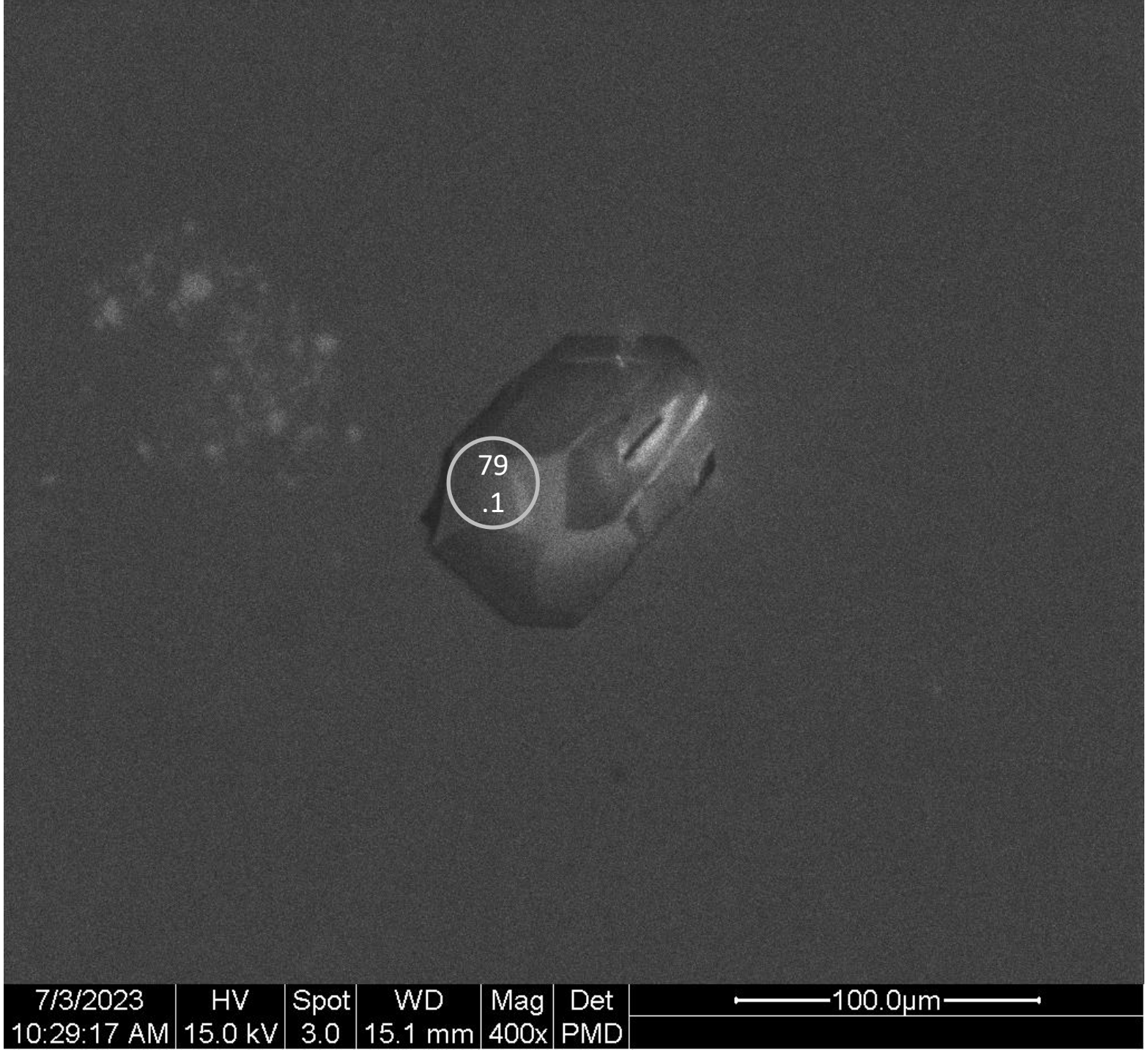
Earliest zircon growth in CR-08



CG23CR08-CL_079.tif

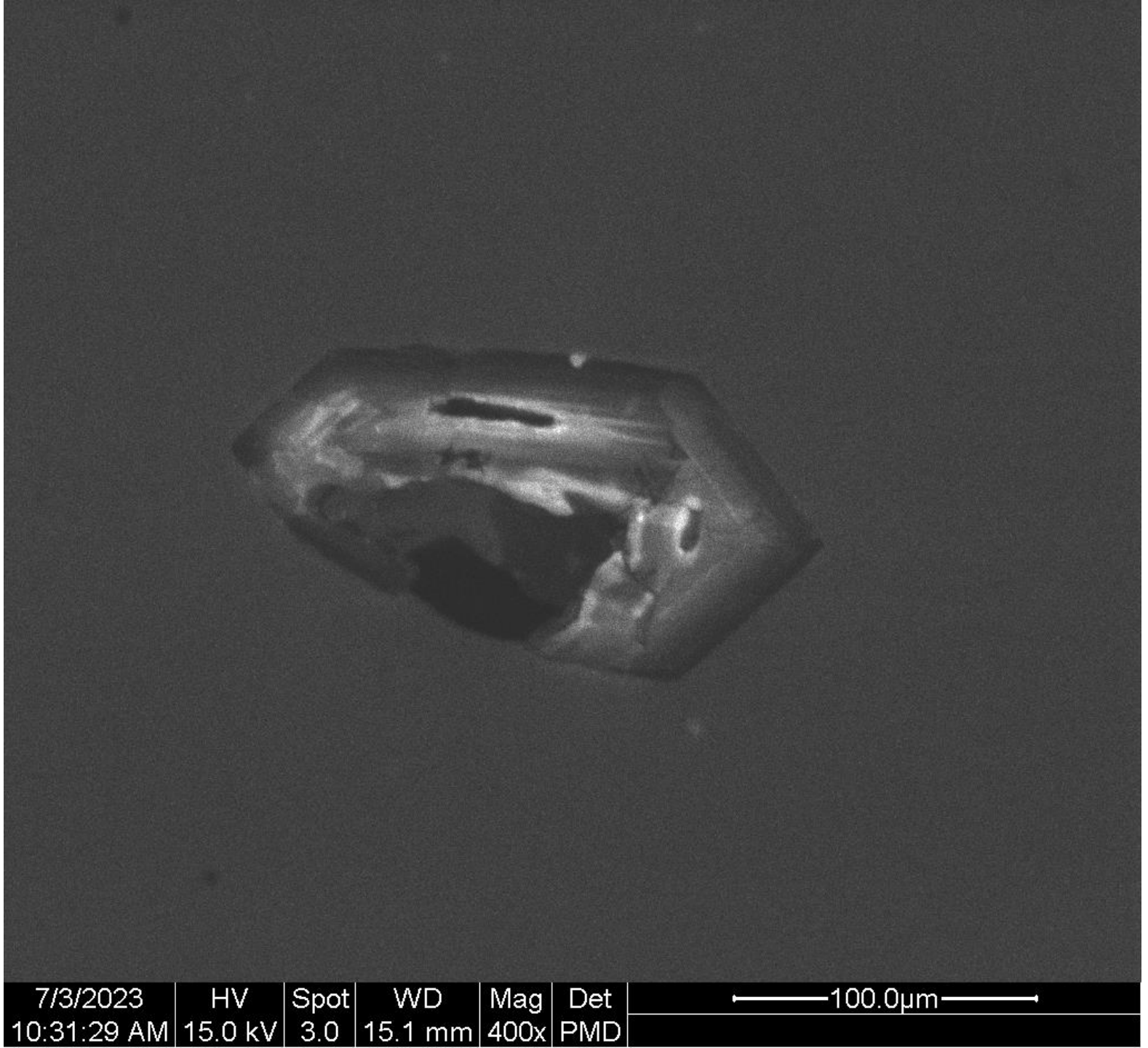
1 x U-Pb

79.1



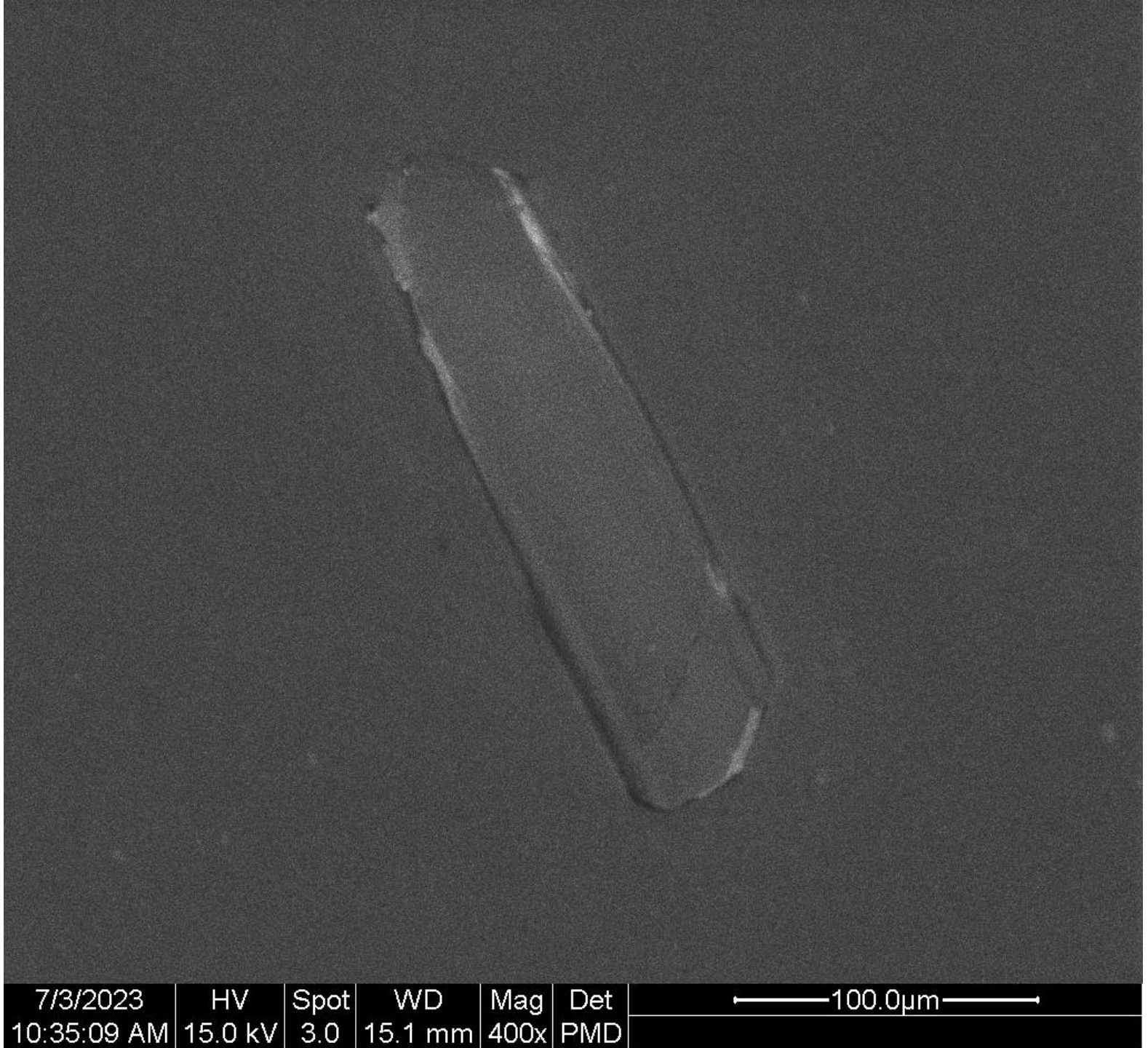
CG23CR08-CL_080.tif

No analysis. Grain is too altered/fractured/ messy.



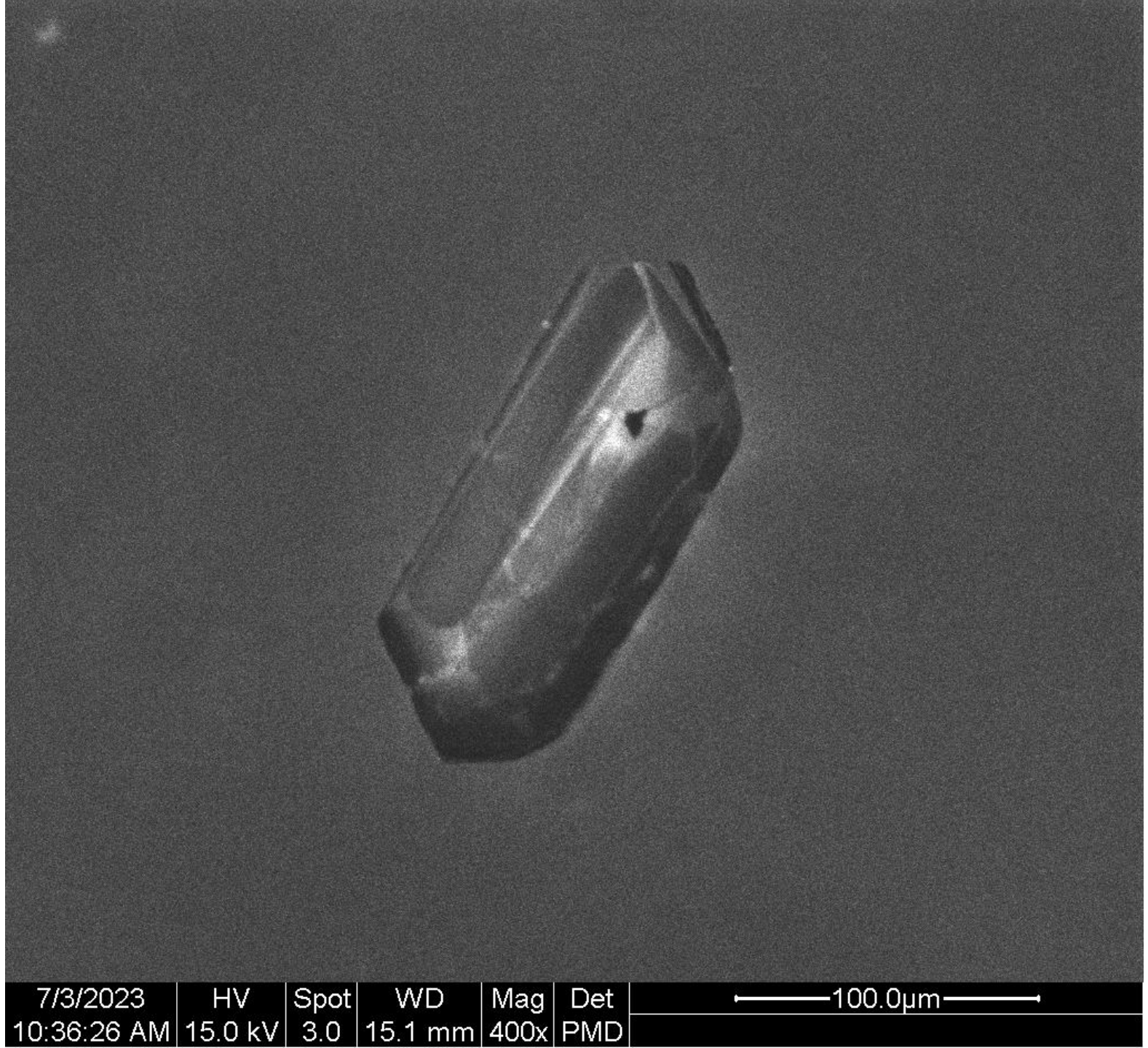
CG23CR08-CL_081.tif

No analysis. Grain maybe an apatite instead of a zircon?



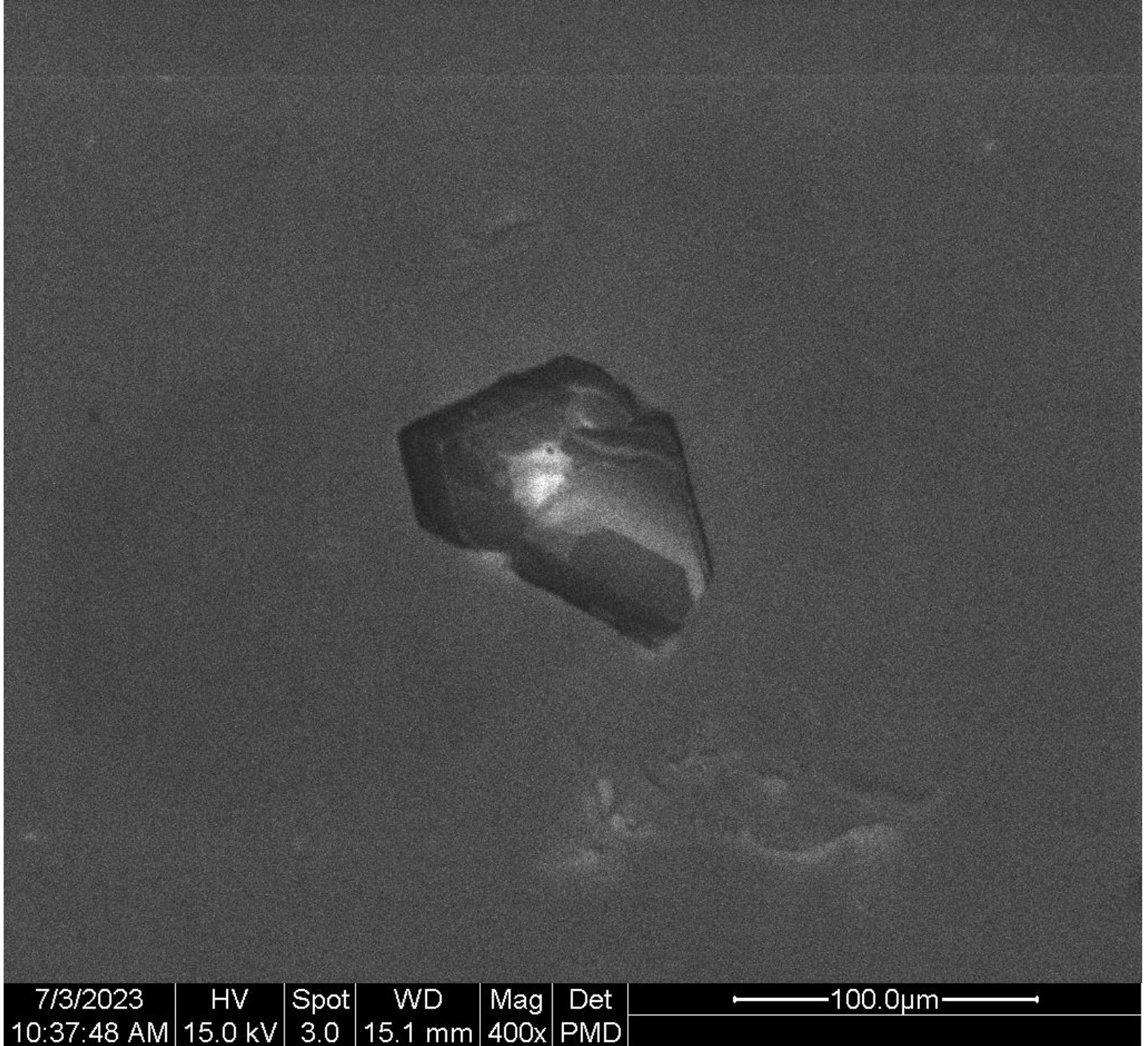
CG23CR08-CL_082.tif

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



CG23CR08-CL_084.tif

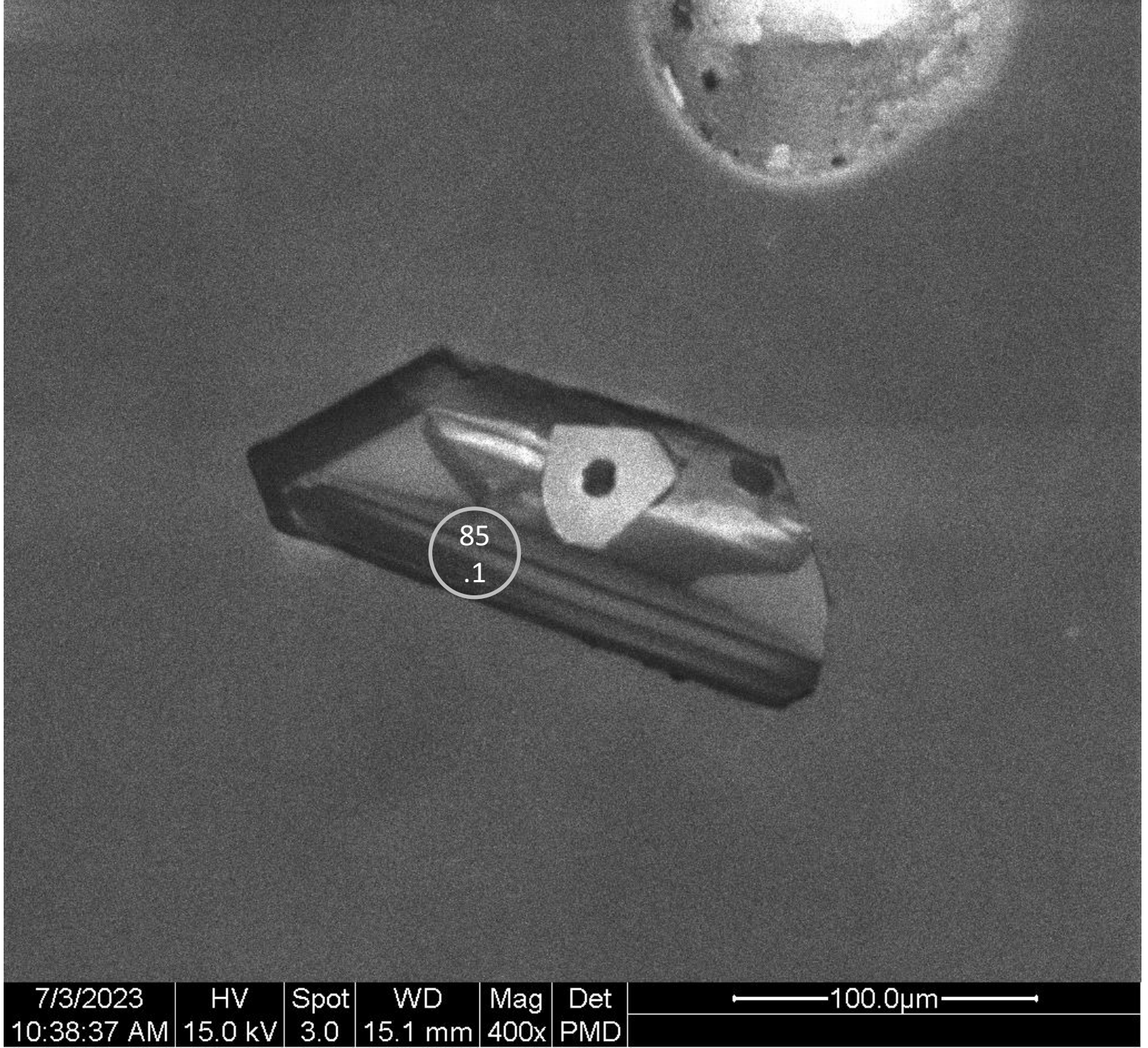
No analysis. Grain is too fractured/zones too small.



CG23CR08-CL_085.tif

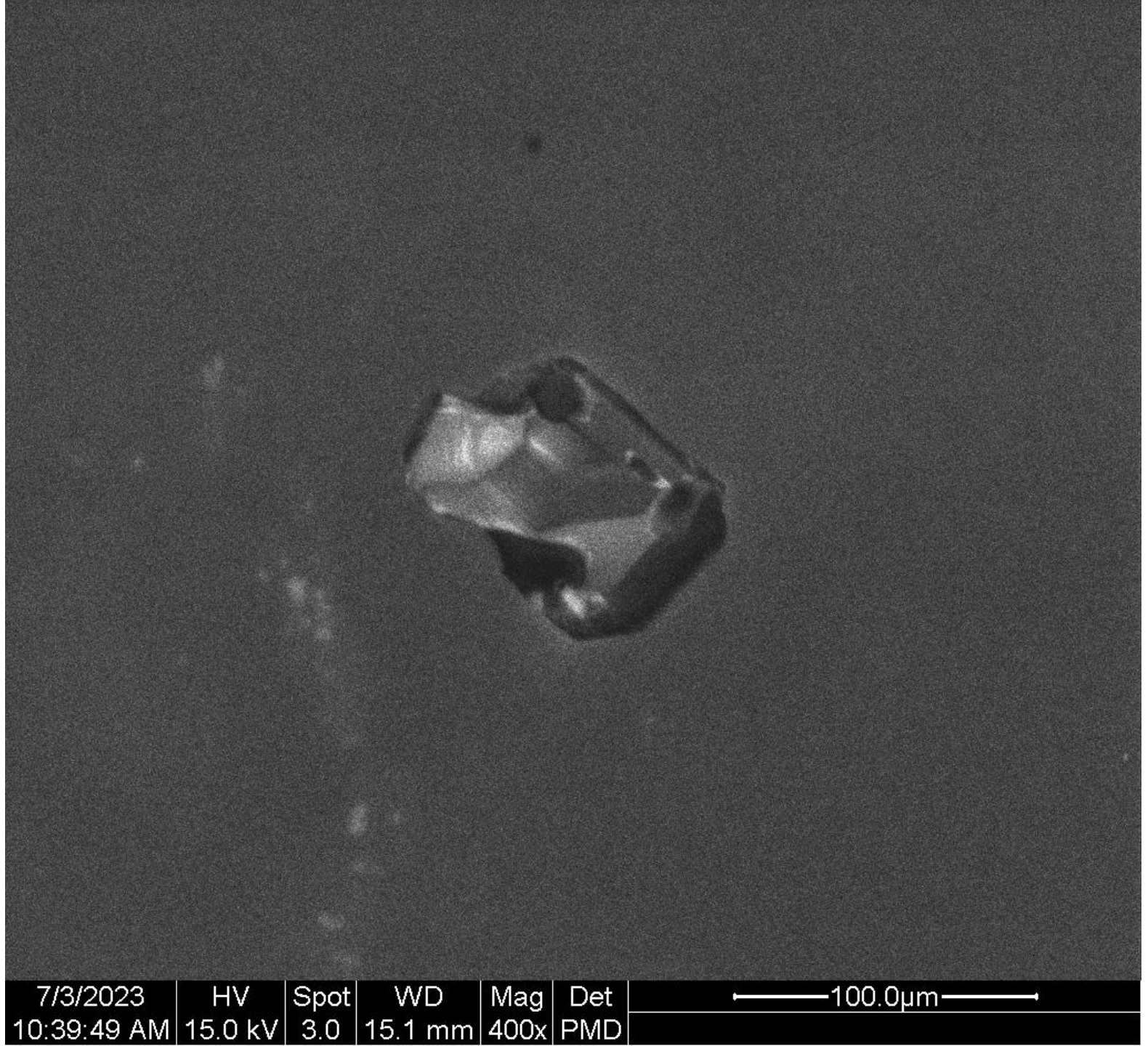
1 x U-Pb

85.1



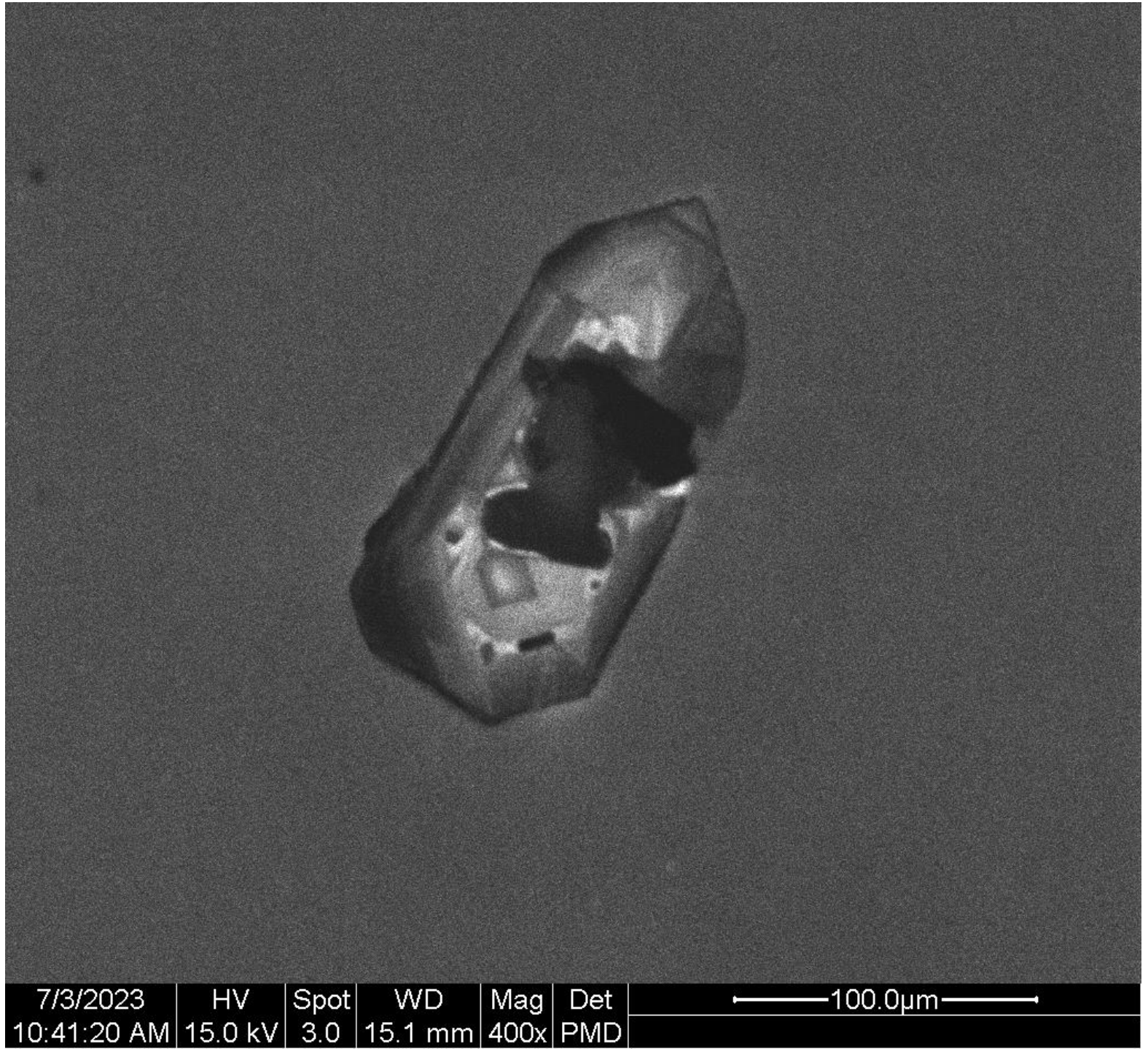
CG23CR08-CL_086.tif

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



CG23CR08-CL_087.tif

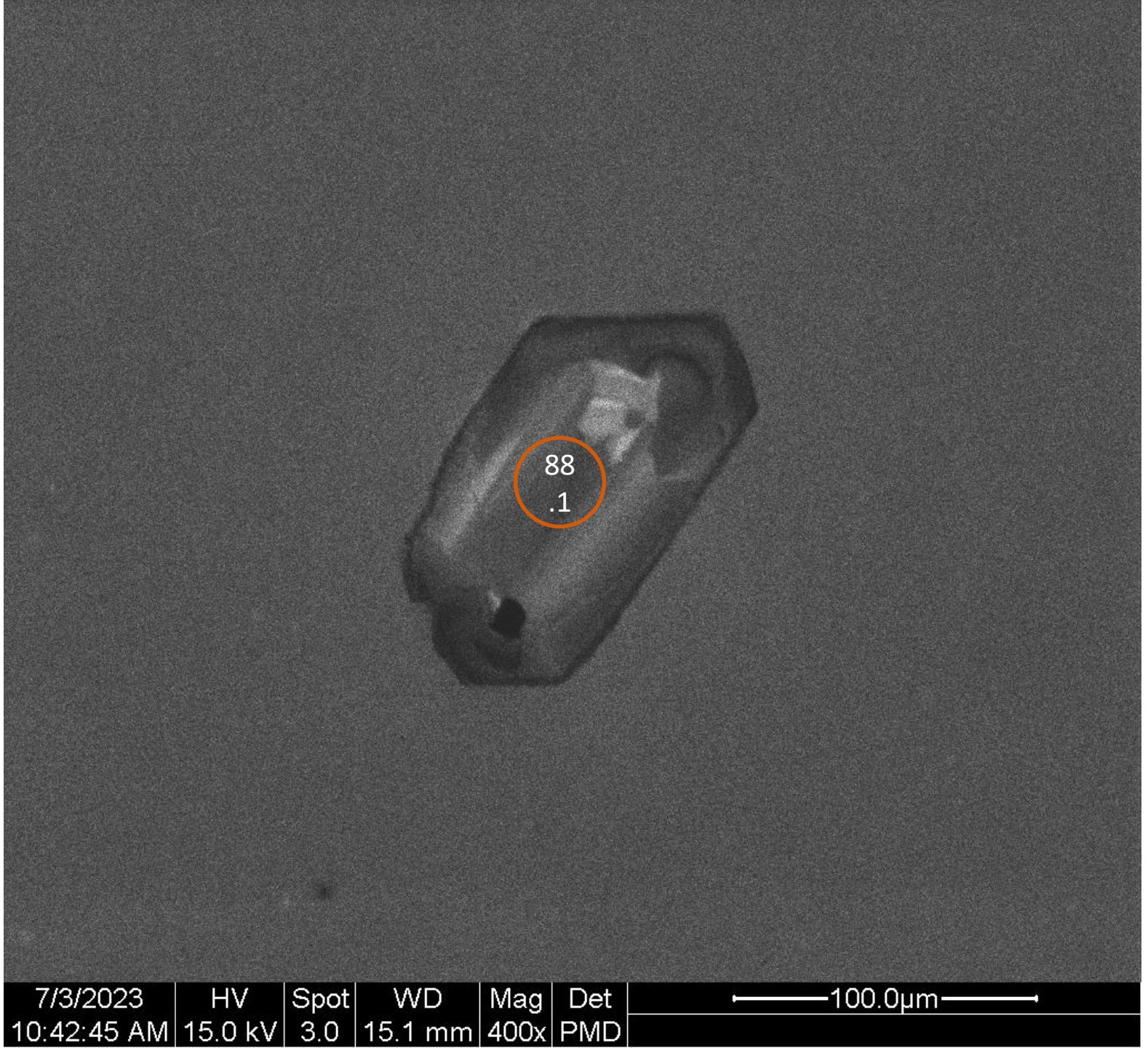
No analysis. Grain is too fractured/zones too small/lots of alteration.



CG23CR08-CL_088.tif

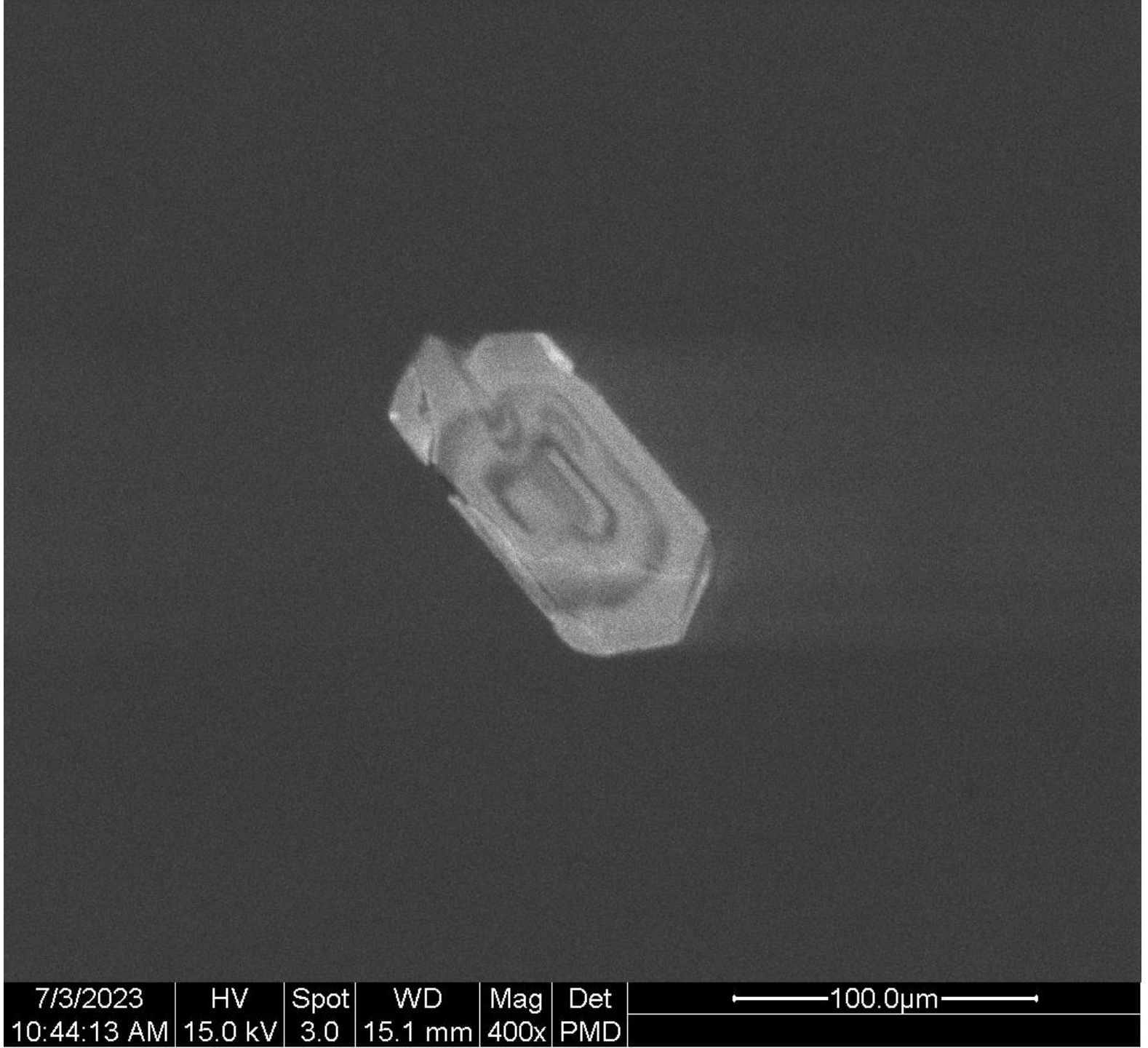
1 x U-Pb

88.1



CG23CR08-CL_089.tif

No analysis. Zones too small.



CG23CR08-CL_090.tif

1 x U-Pb

90.1

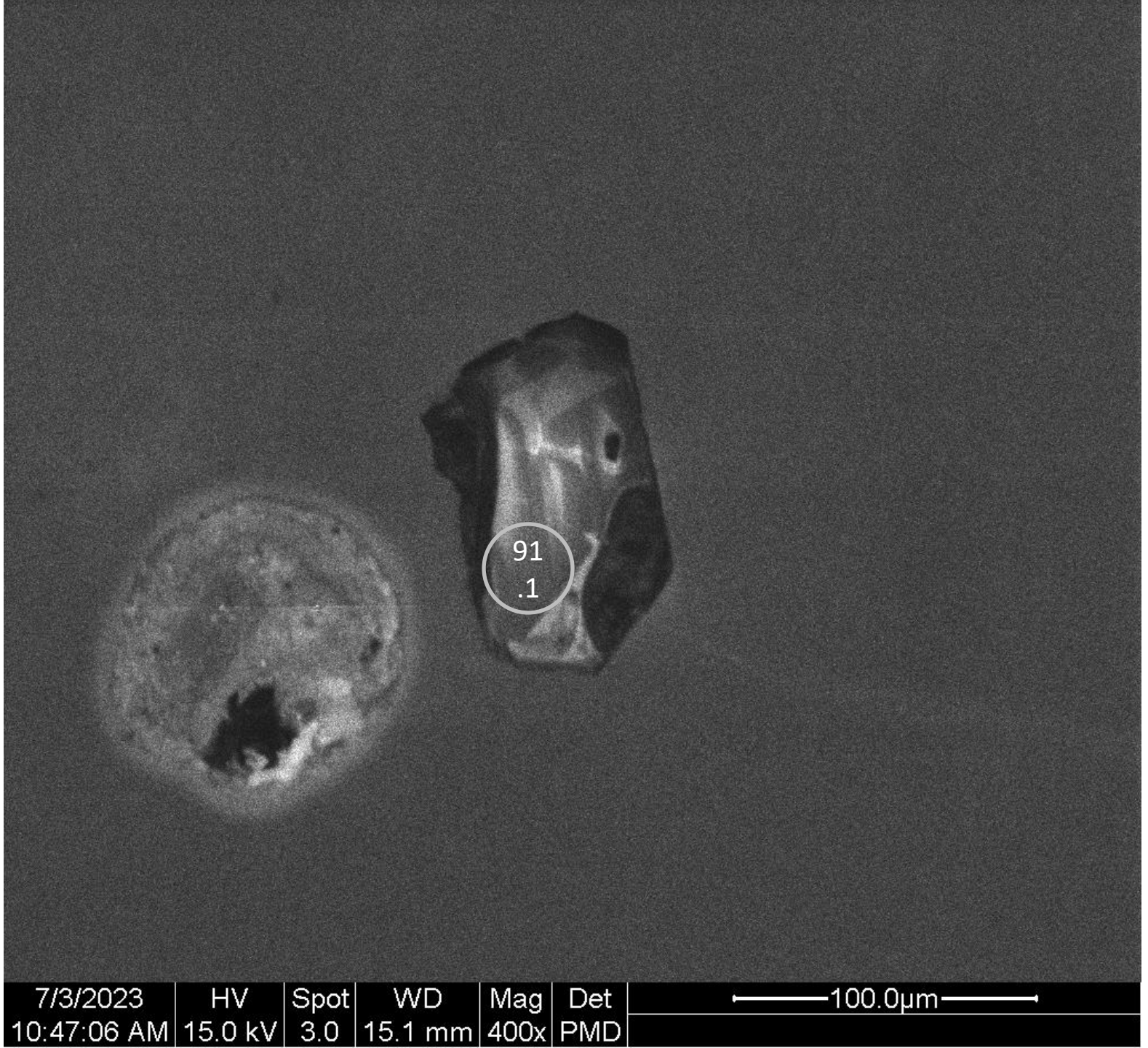
Only xenocryst in CR-08.



CG23CR08-CL_091.tif

1 x U-Pb

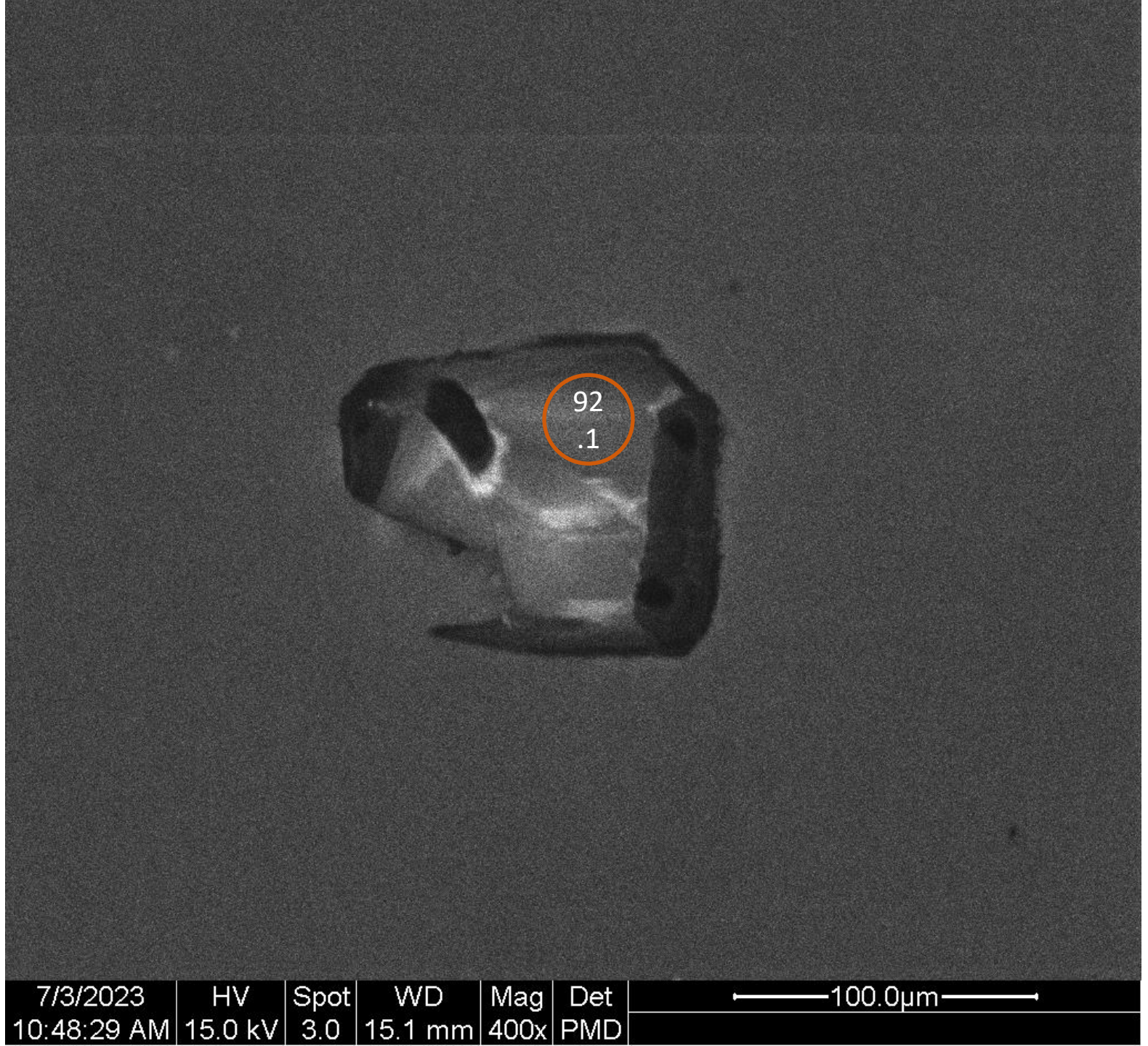
91.1



CG23CR08-CL_092.tif

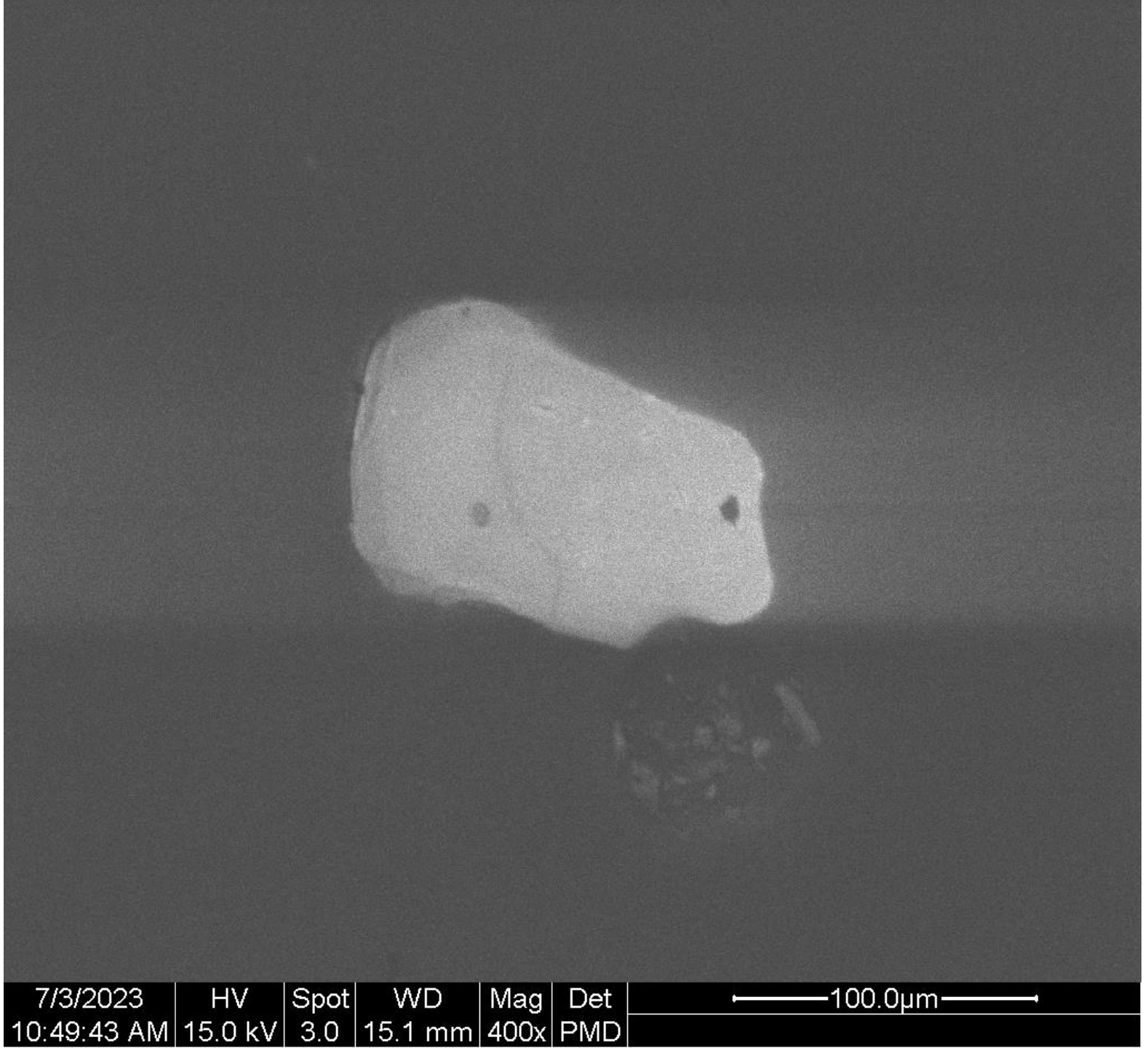
1 x U-Pb

92.1



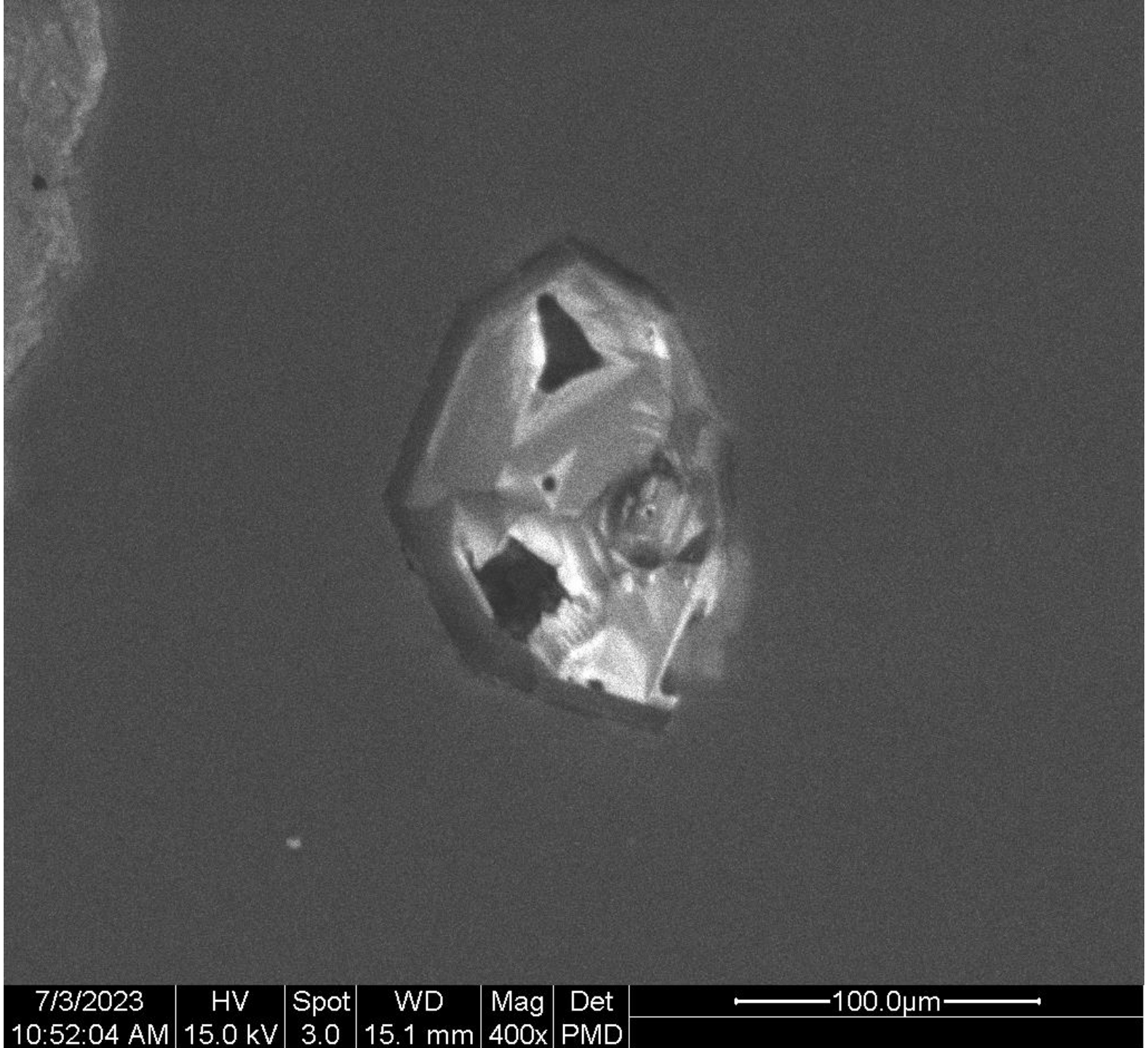
CG23CR08-CL_093.tif

No analysis.
Uncertain if zircon?



CG23CR08-CL_095.tif

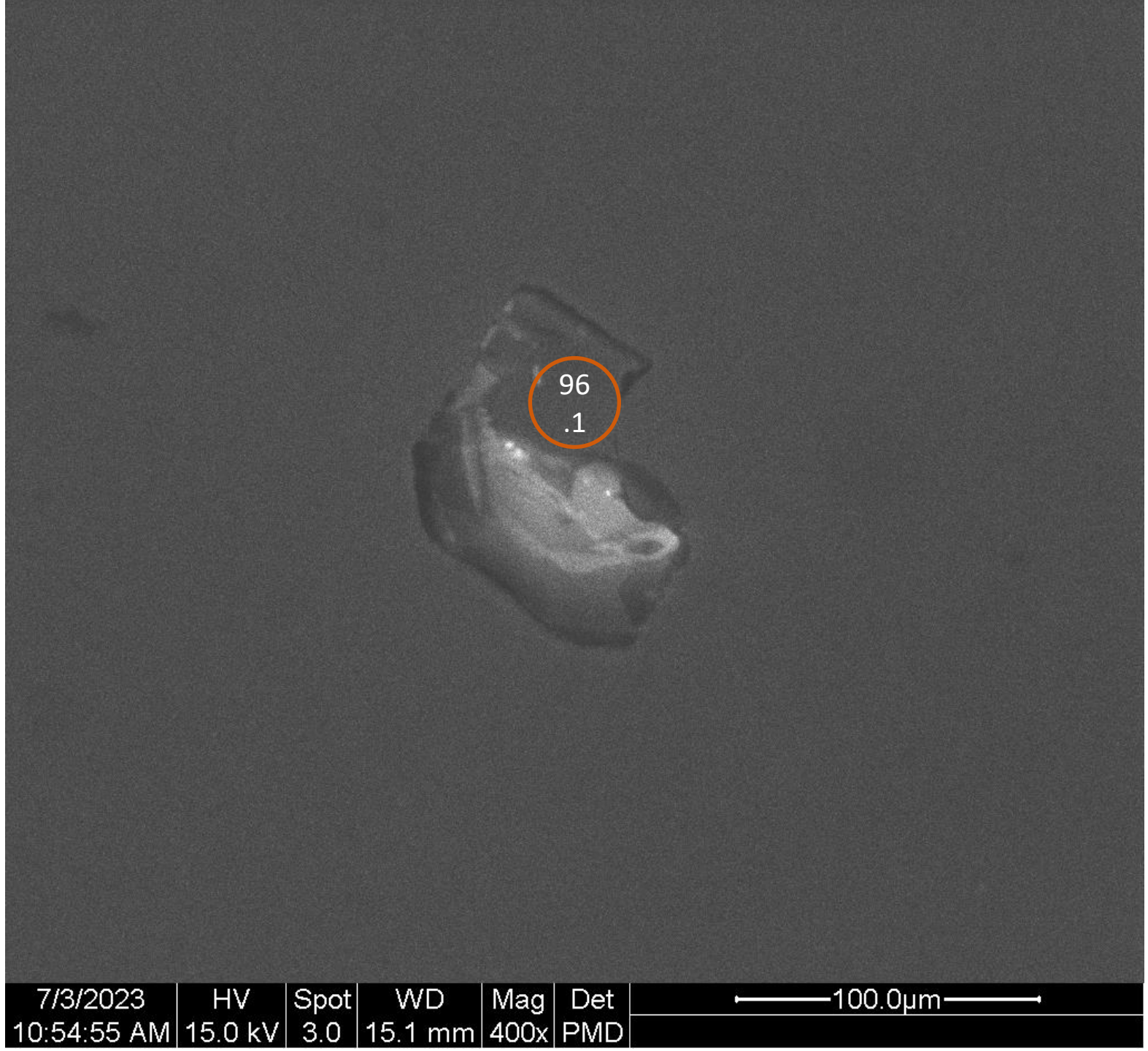
No analysis. Grain too altered/zones too small/too fractured.



CG23CR08-CL_096.tif

1 x U-Pb

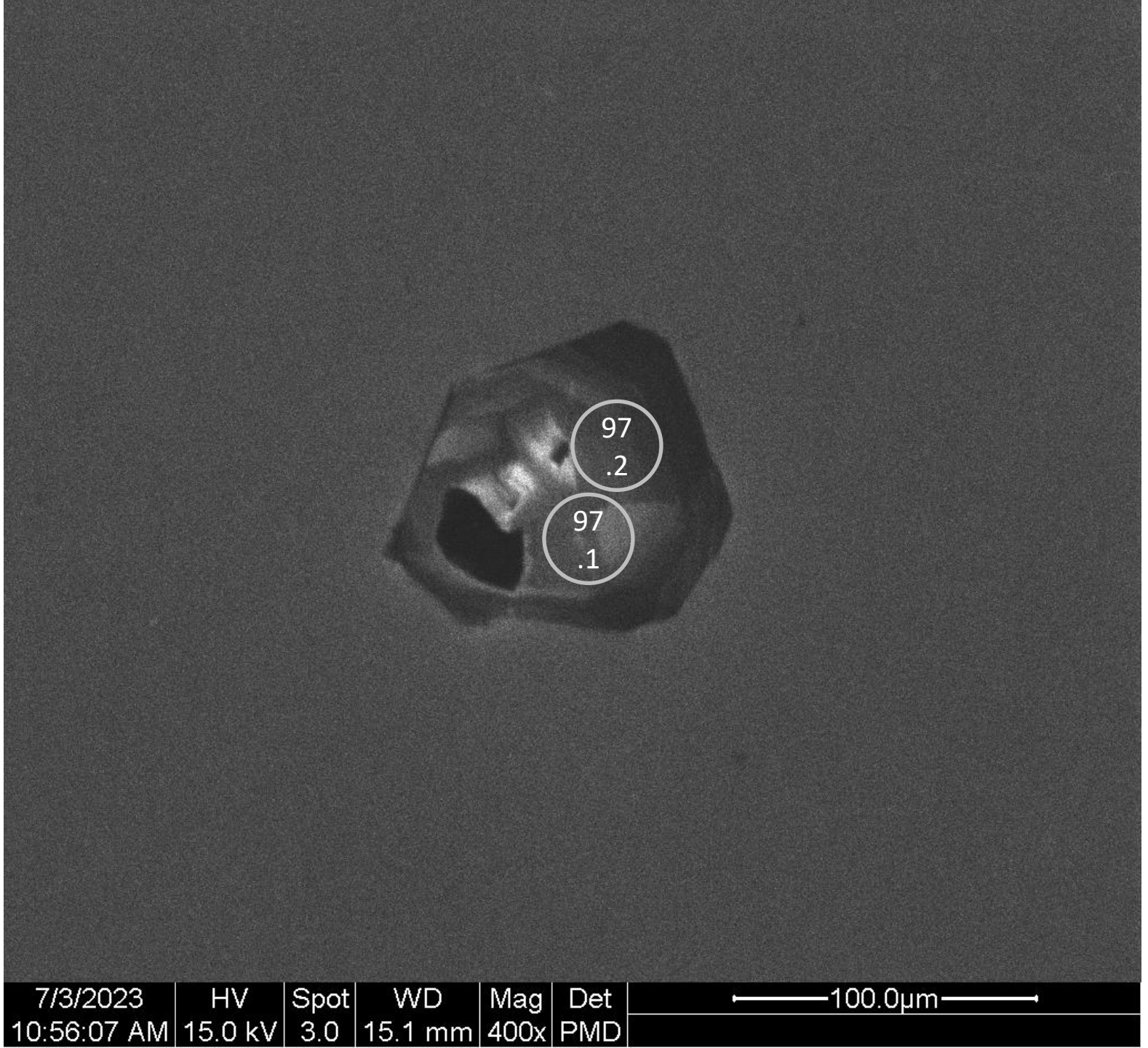
96.1



CG23CR08-CL_097.tif

2x U-Pb

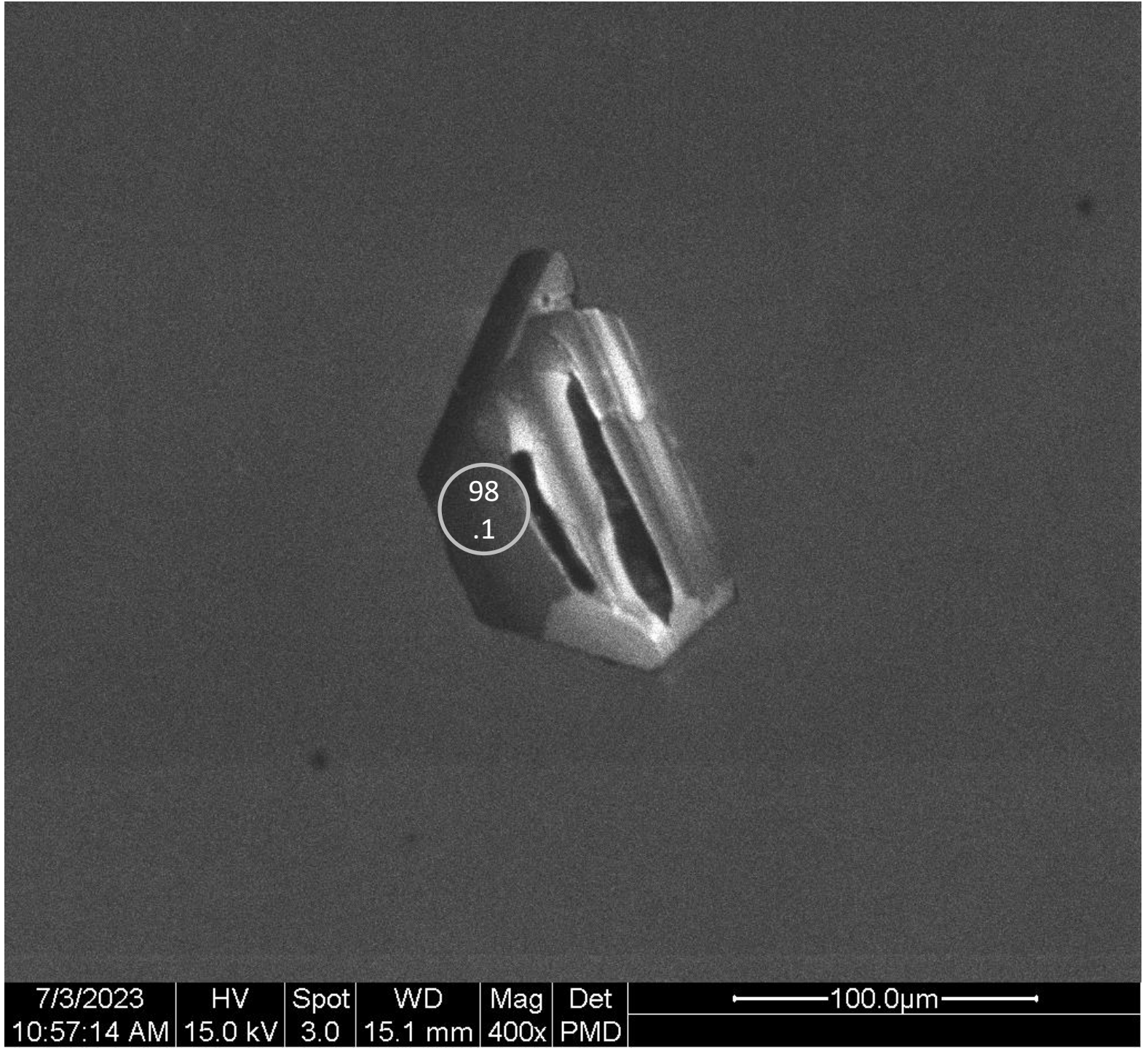
97.1, 97.2



CG23CR08-CL_098.tif

1 x U-Pb

98.1



CG23CR08-CL_099.tif

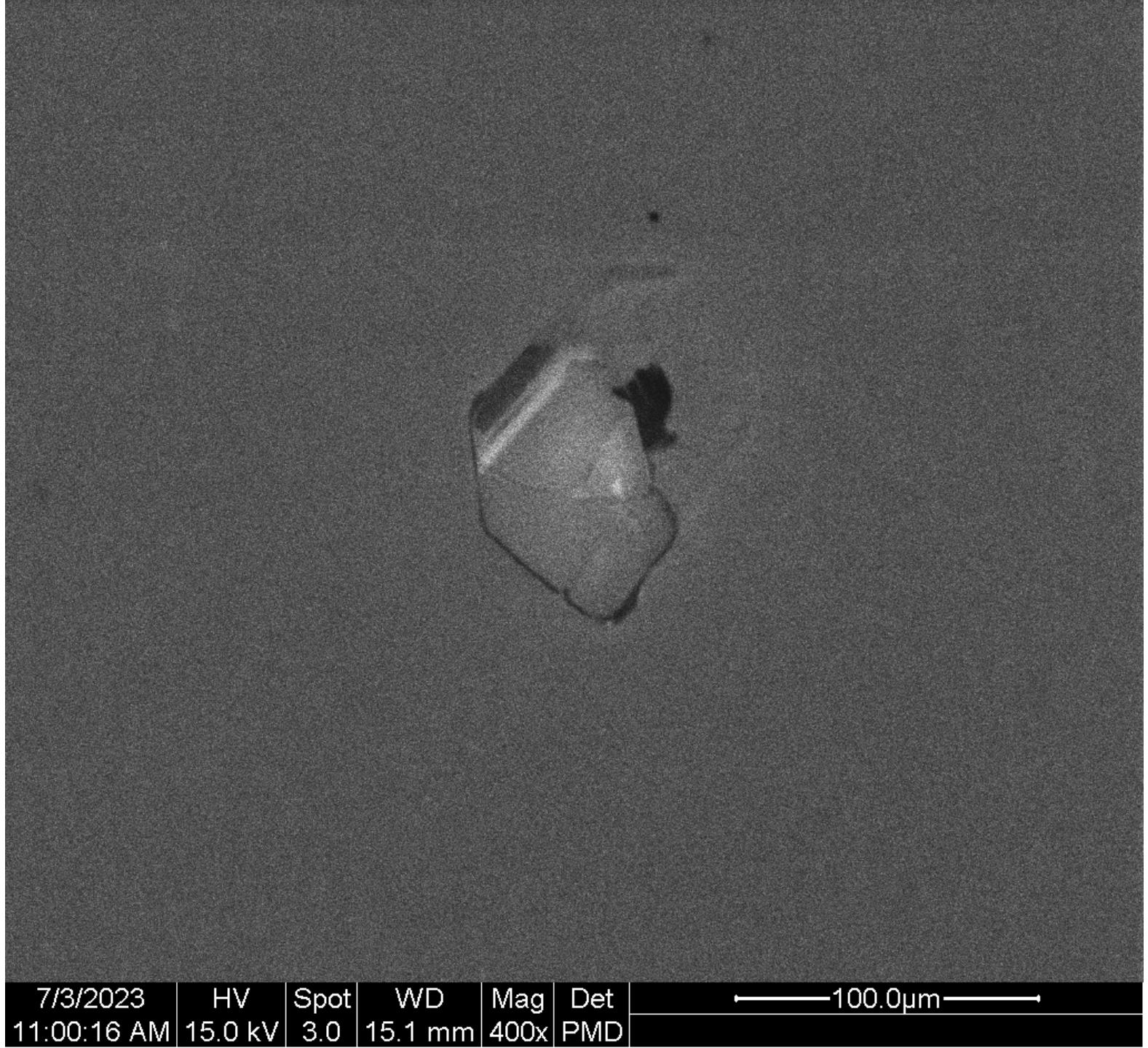
2 x U-Pb

99.1, 99.2



CG23CR08-CL_100.tif

No analysis. Grain too small/too fractured.



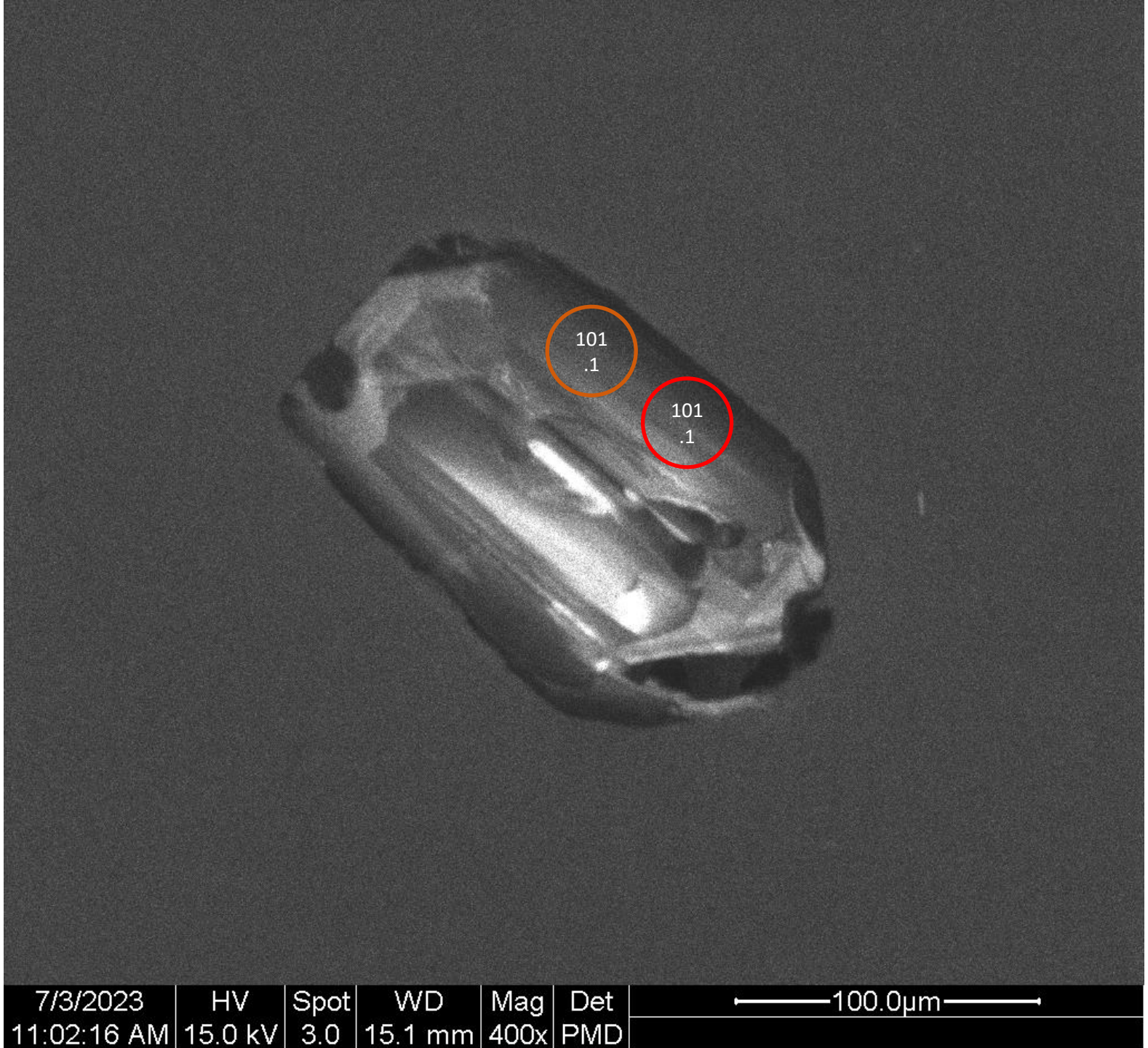
CG23CR08-CL_101.tif

1 x U-Pb

101.1

1 x TE

101.1



CG23CR08-CL_102.tif

1 x U-Pb

102.1

1 x TE

102.1



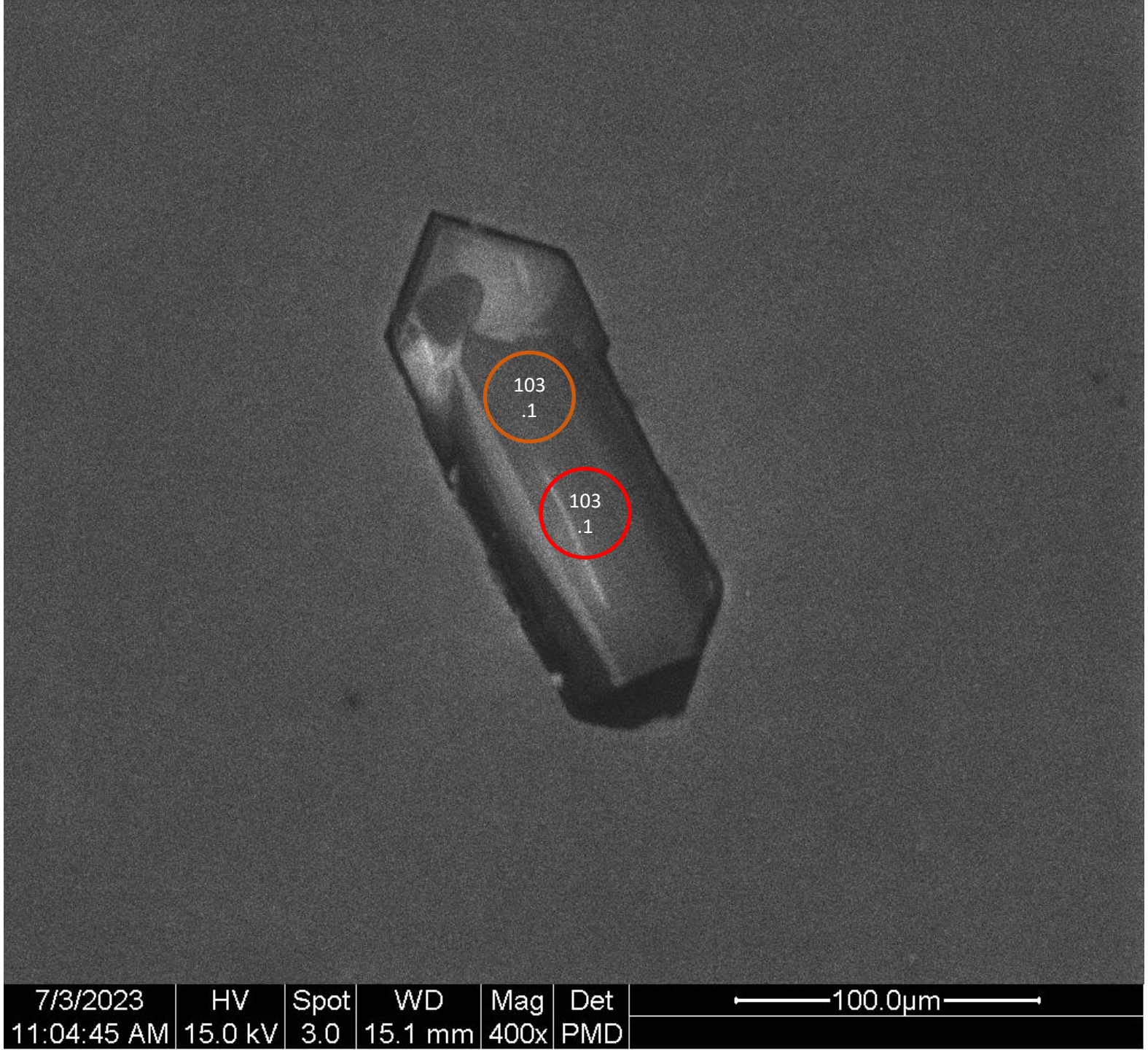
CG23CR08-CL_103.tif

1 x U-Pb

103.1

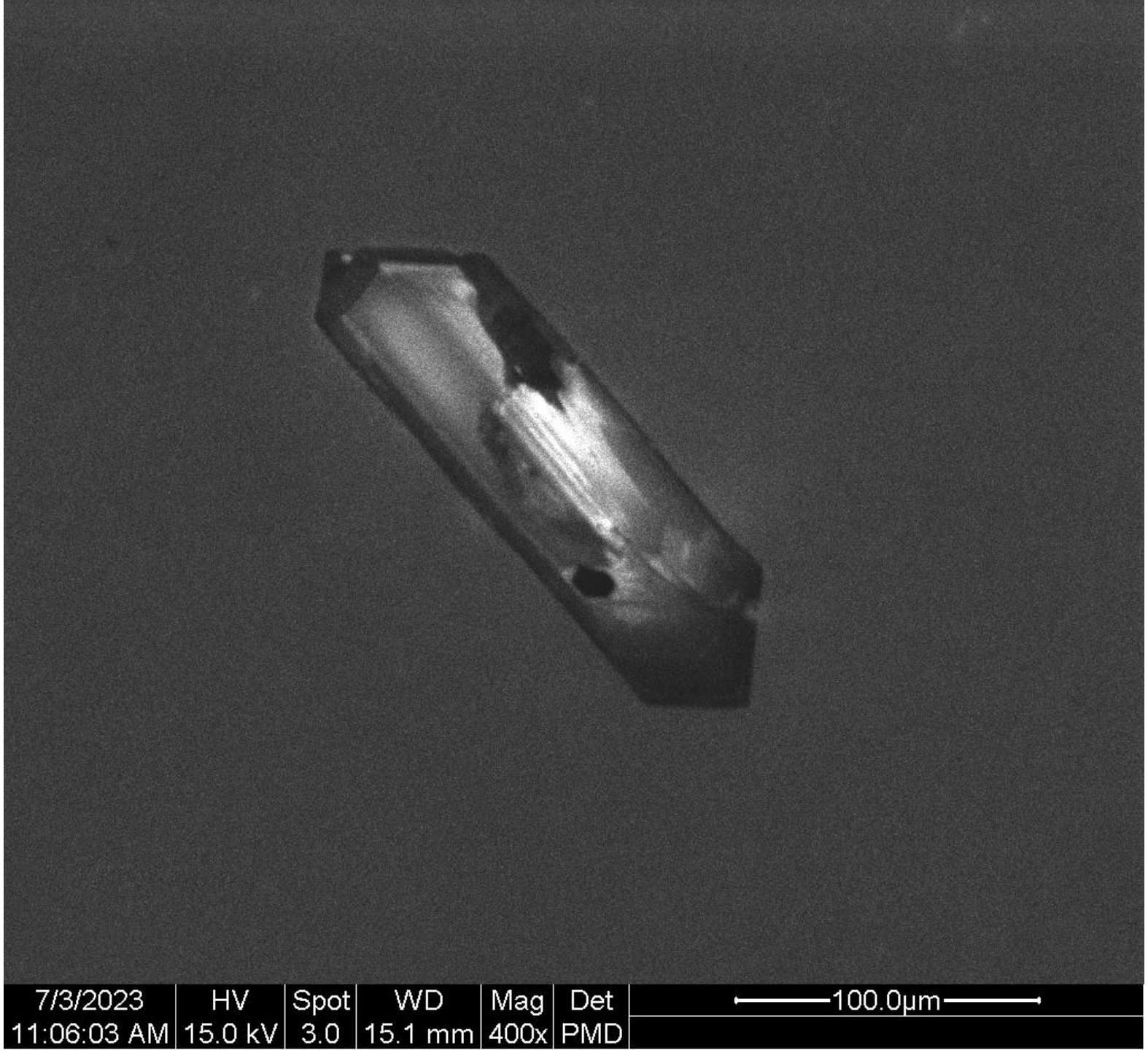
1 x TE

103.1



CG23CR08-CL_104.tif

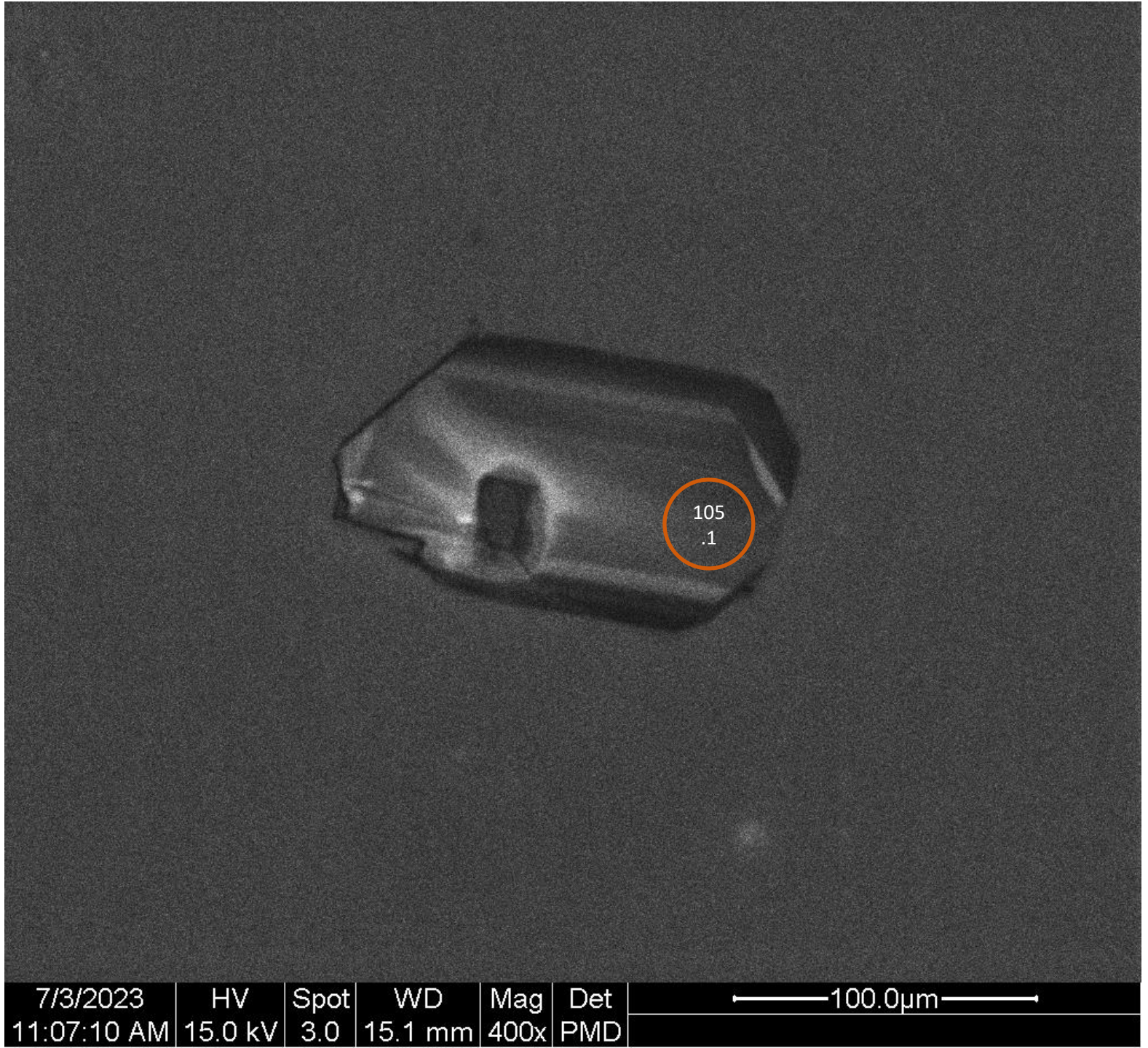
No analysis. Zones too small/too fractured.



CG23CR08-CL_105.tif

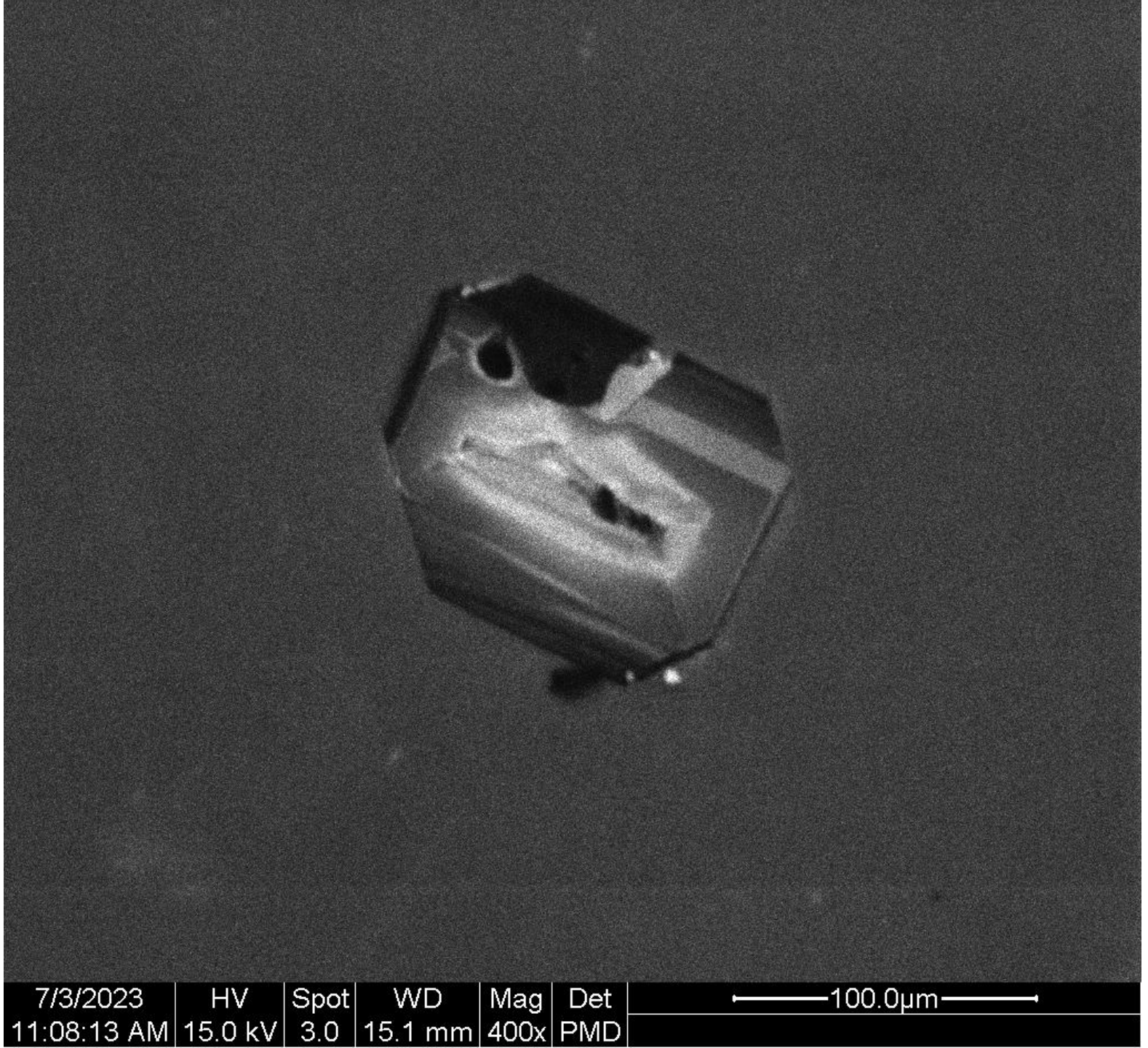
1 x U-Pb

105.1



CG23CR08-CL_106.tif

No analysis. Zones too small/overlapping zones/too fractured.



CG23CR08-CL_107.tif

No analysis. Zones too small/hard to distinguish between zones.

