

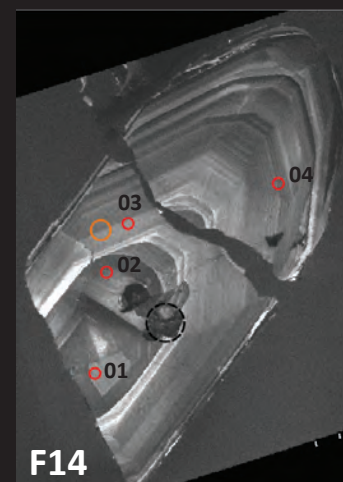
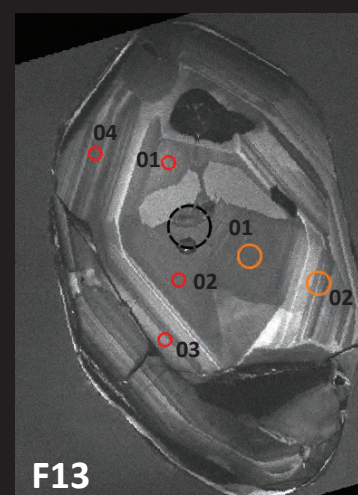
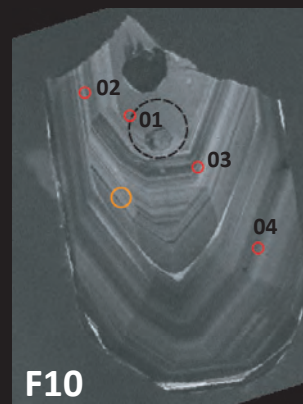
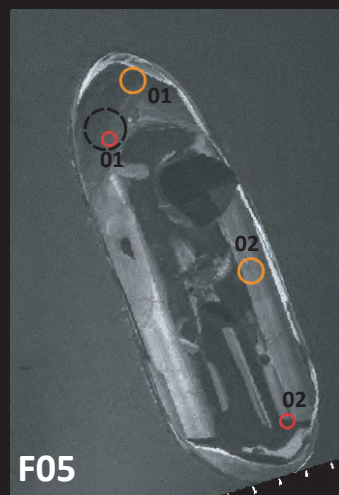
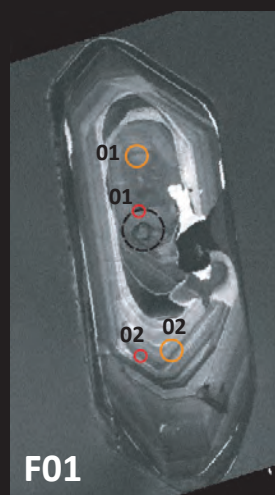
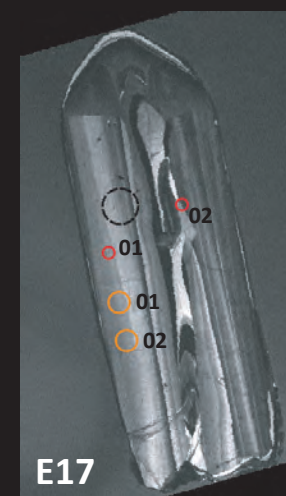
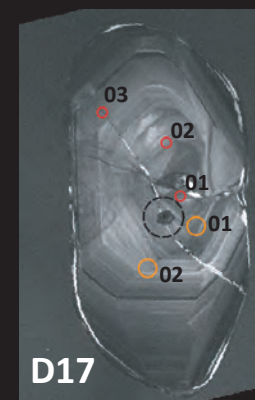
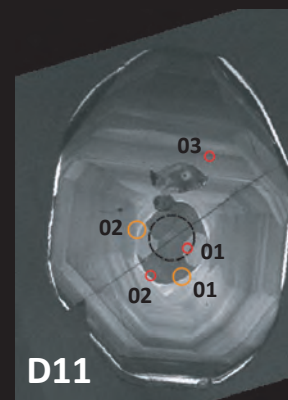
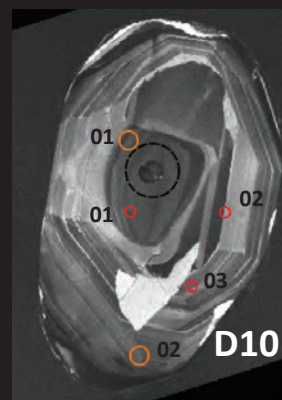
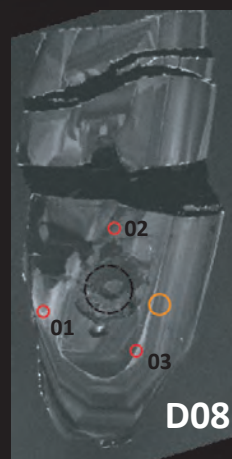
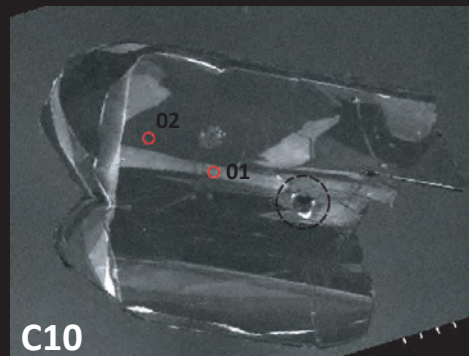
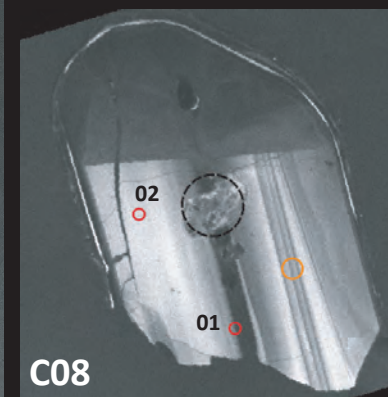
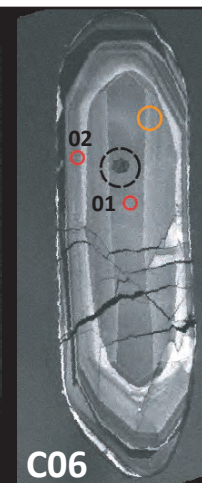
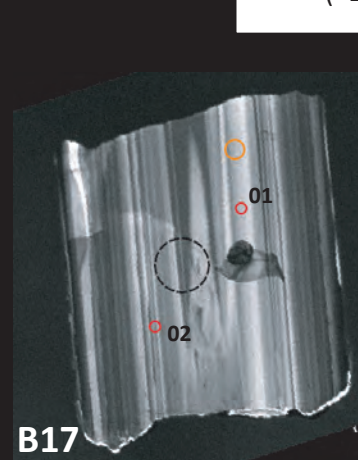
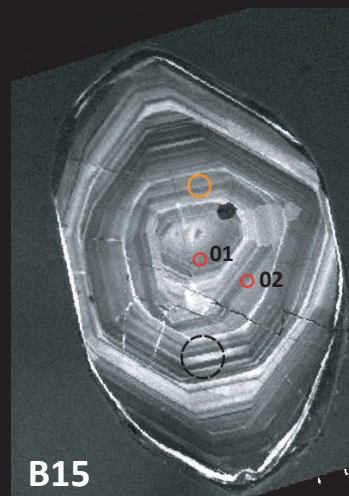
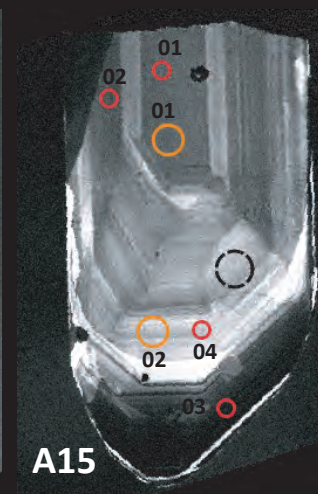
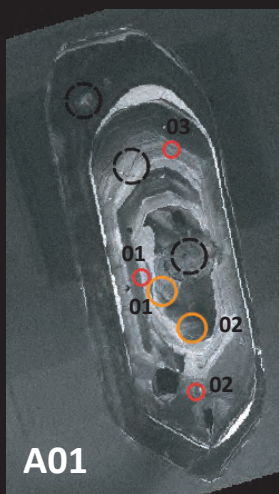
SG-210c

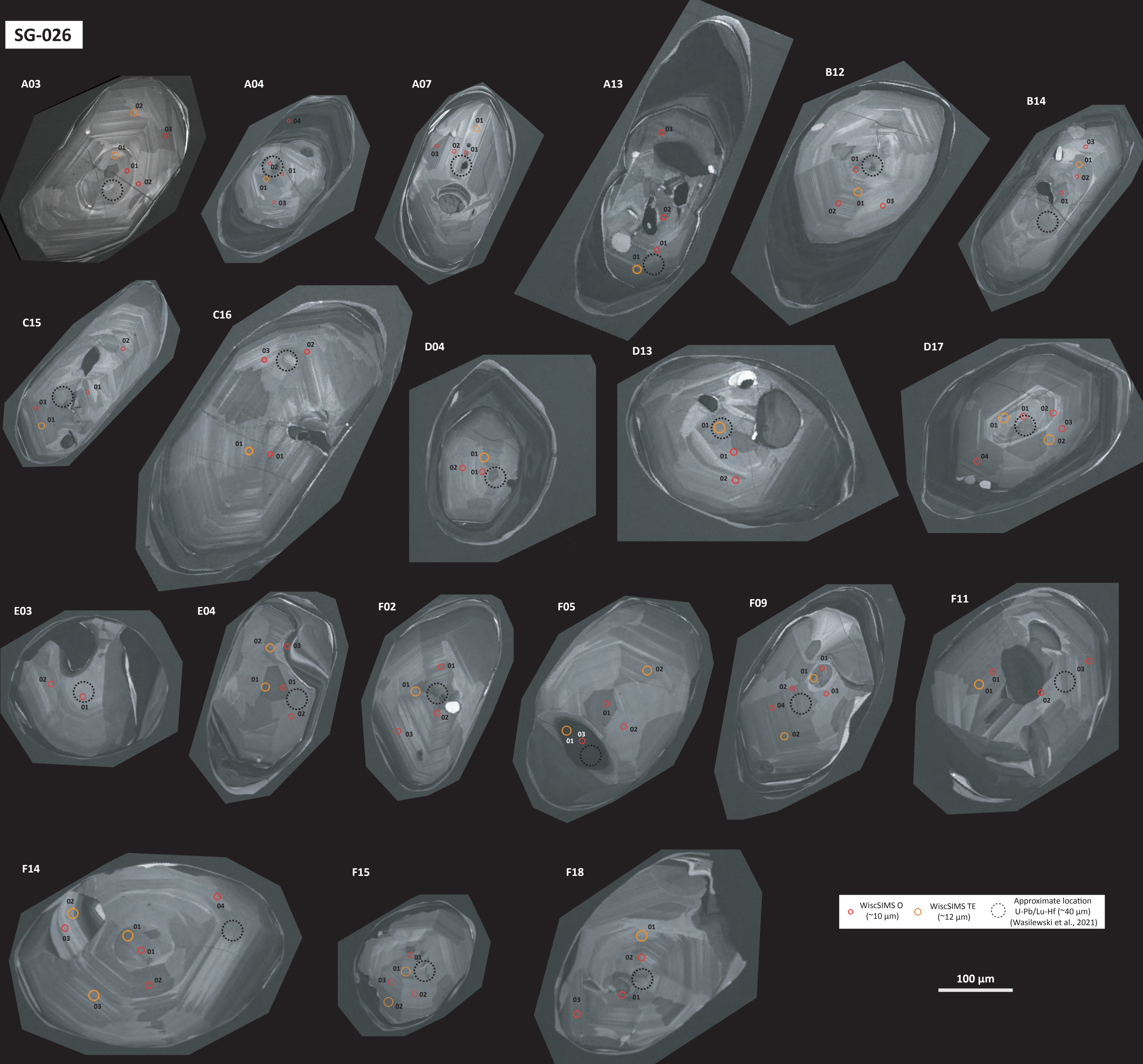
100 μm

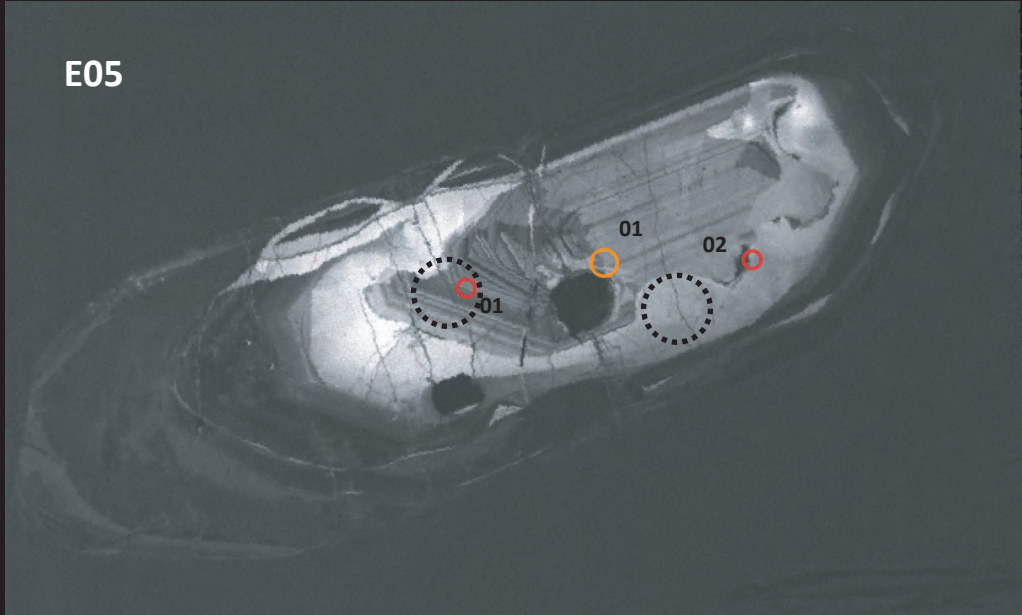
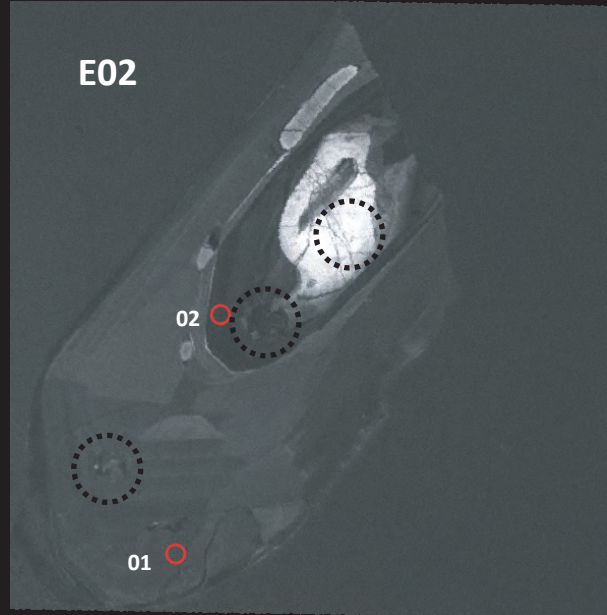
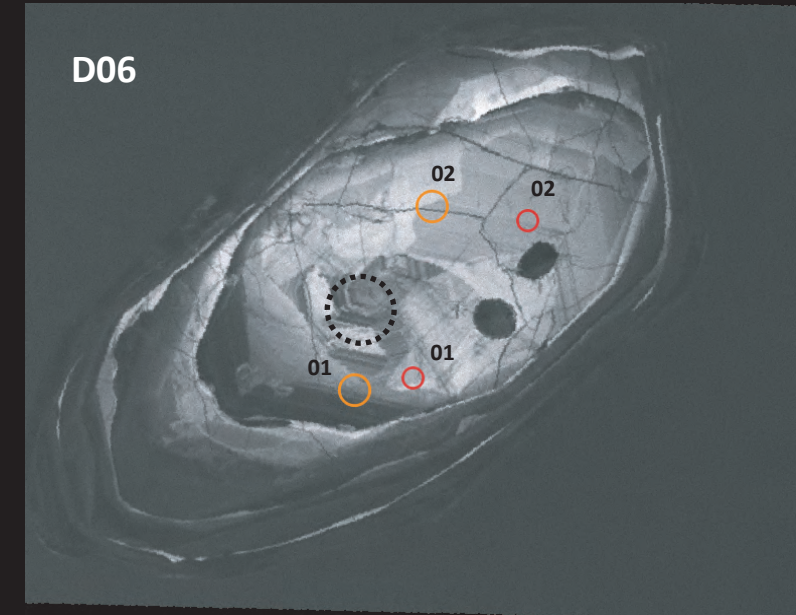
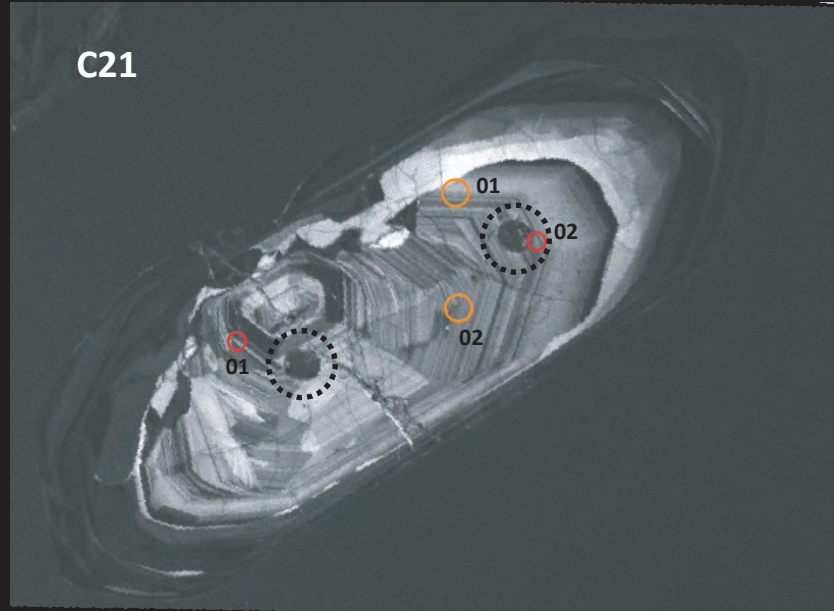
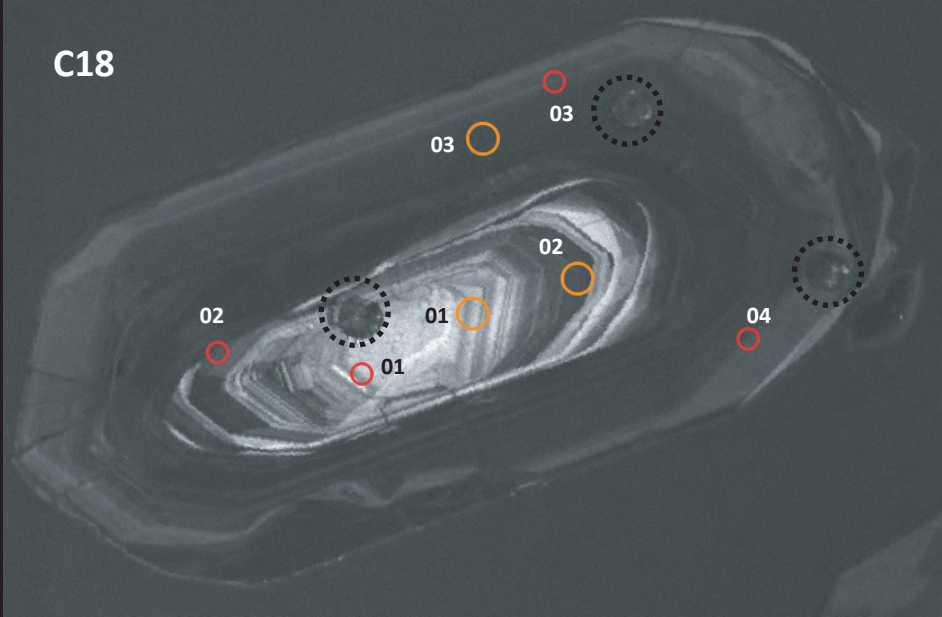
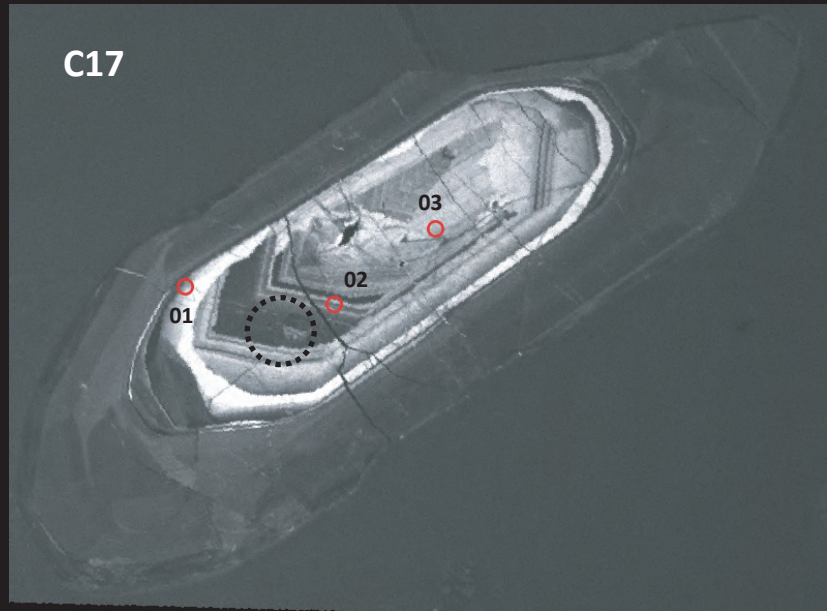
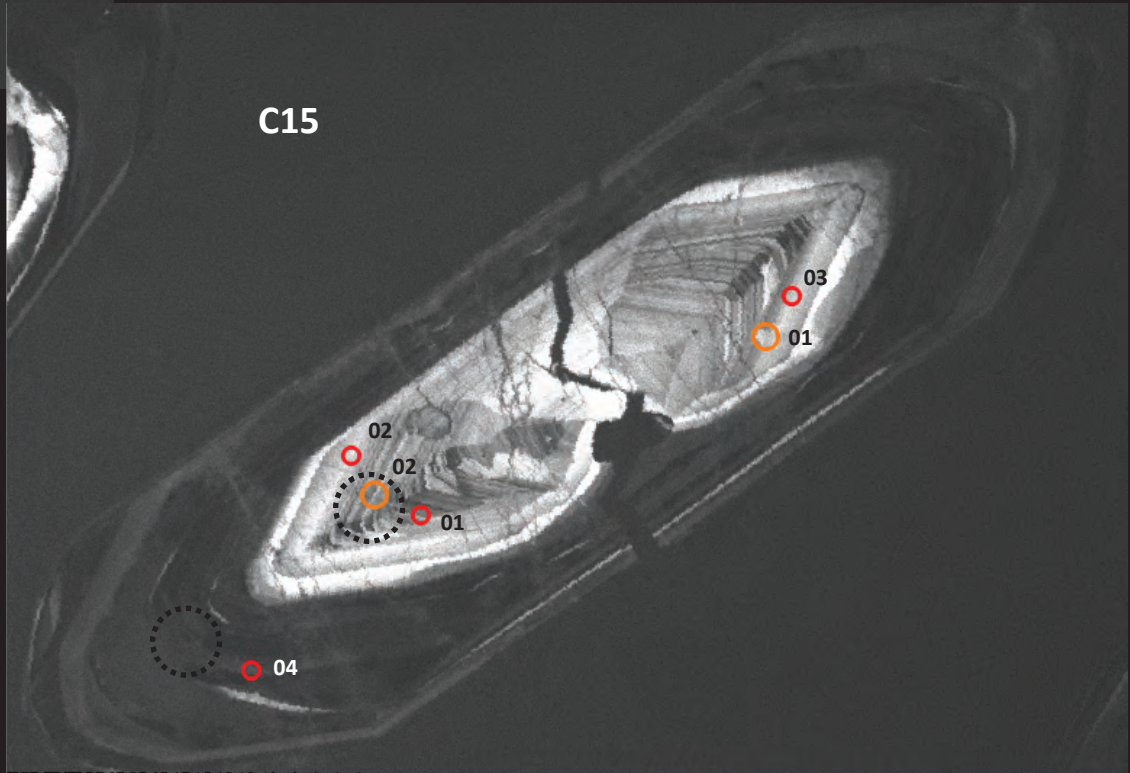
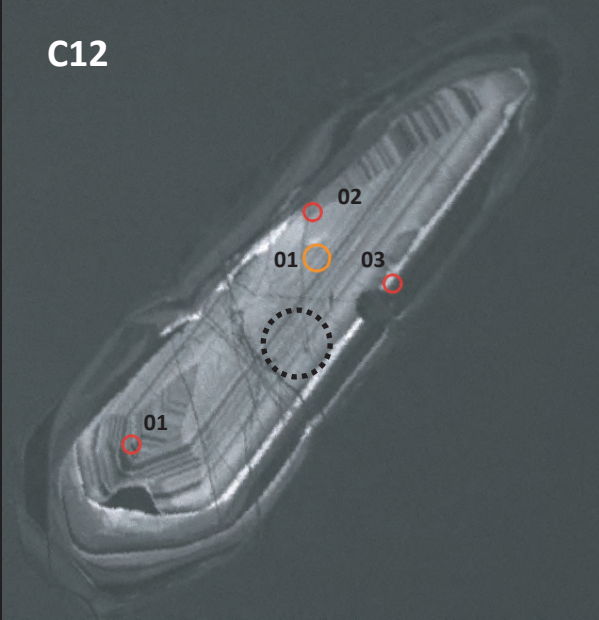
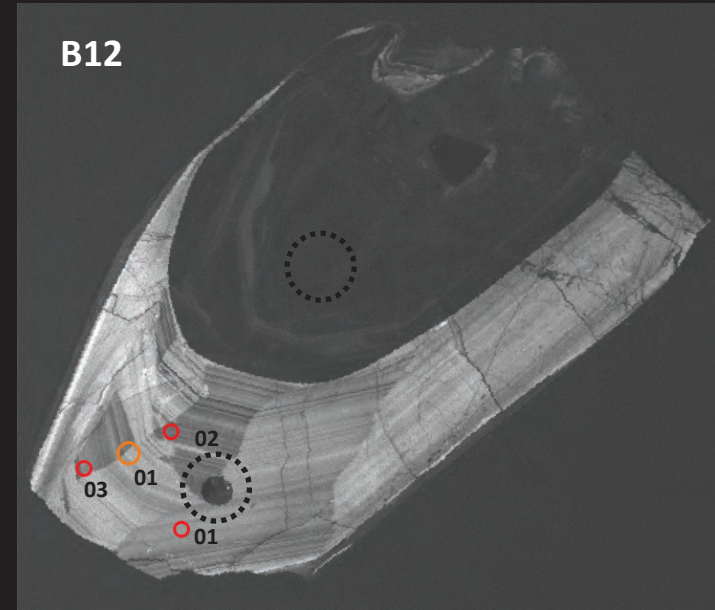
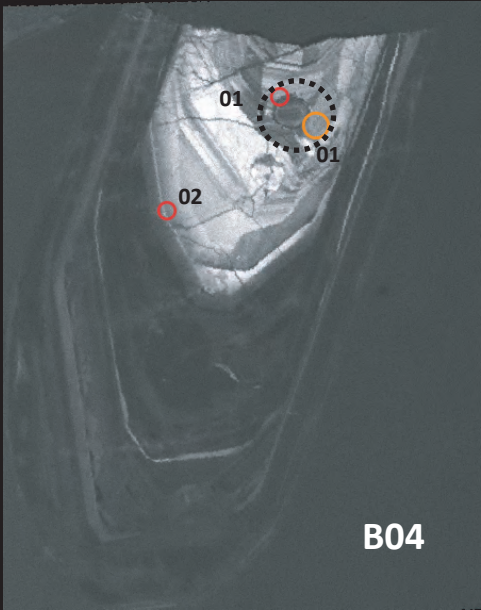
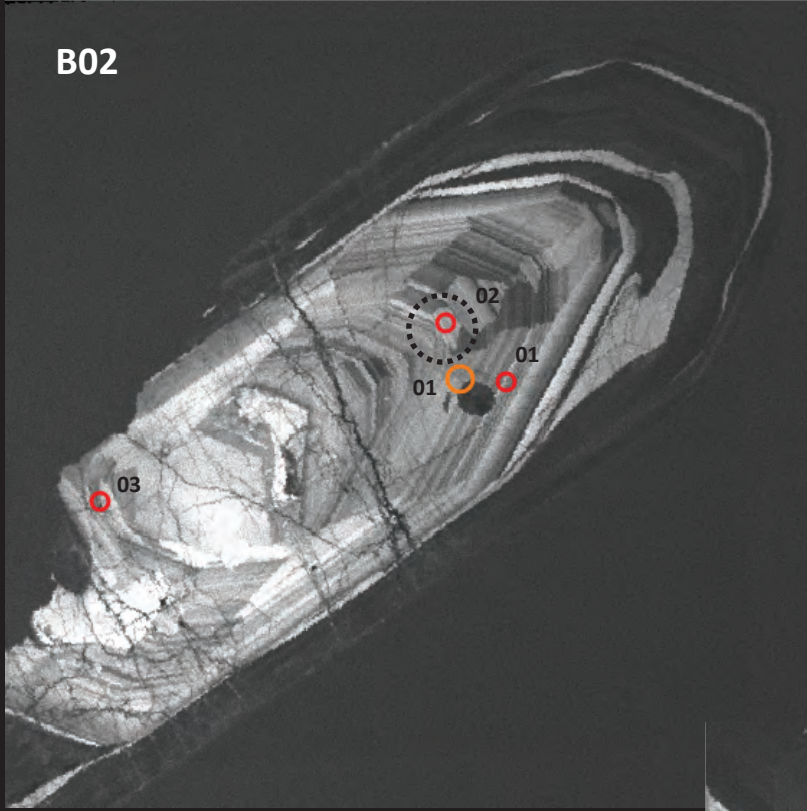
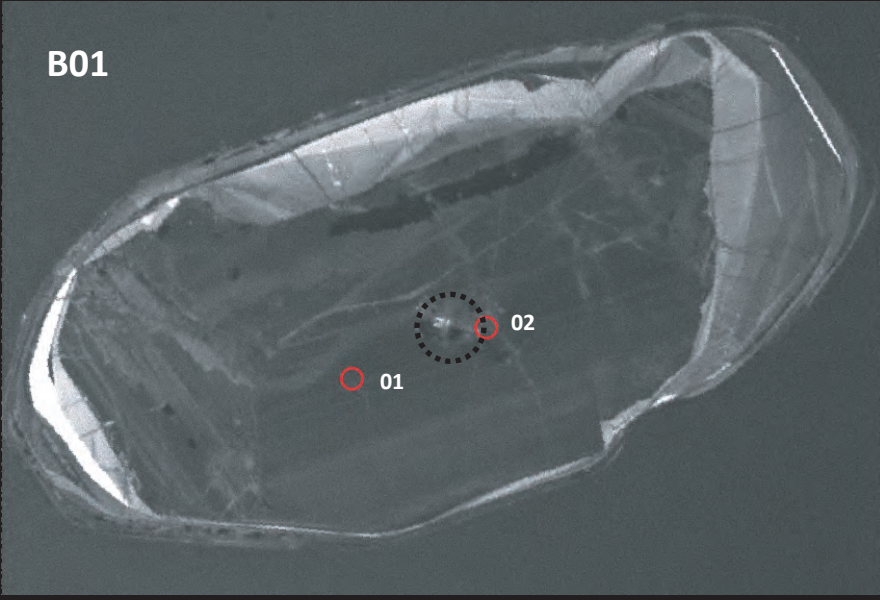
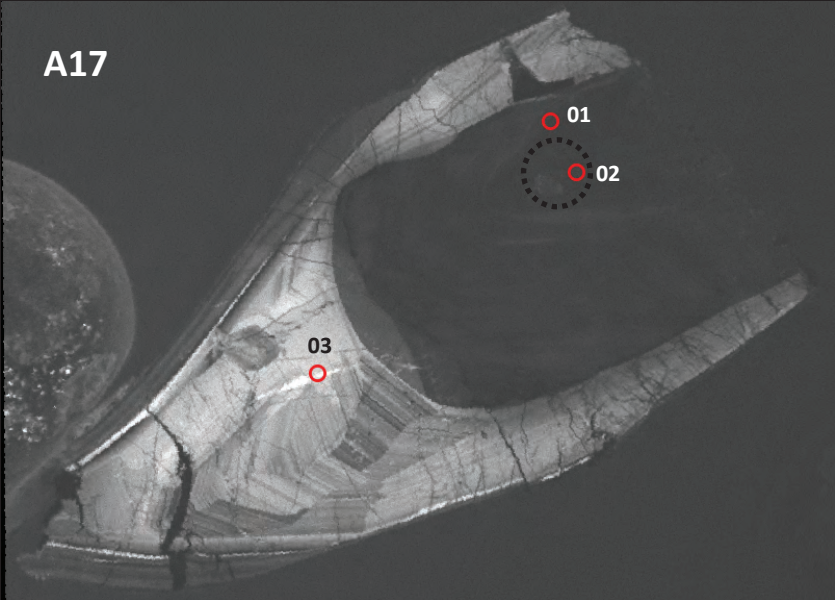
WiscSIMS O
($\sim 10\ \mu\text{m}$)

WiscSIMS TE
($\sim 12\ \mu\text{m}$)

Approximate location
U-Pb/Lu-Hf ($\sim 40\ \mu\text{m}$)
(Wasilewski et al., 2021)







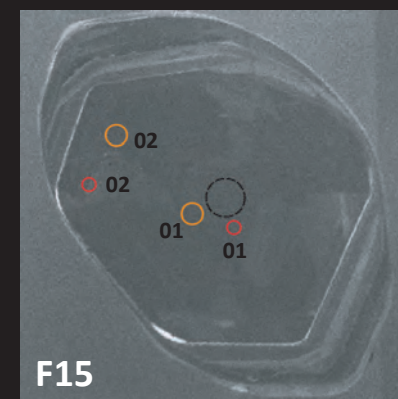
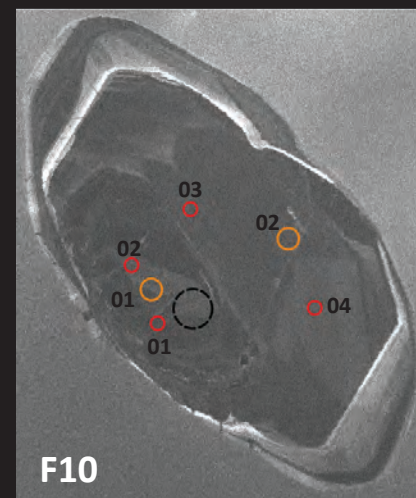
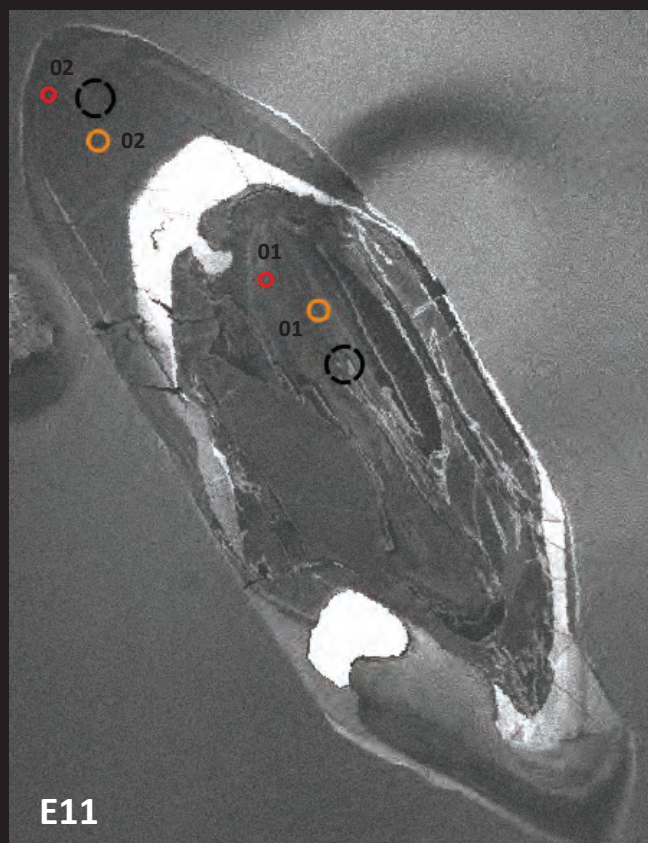
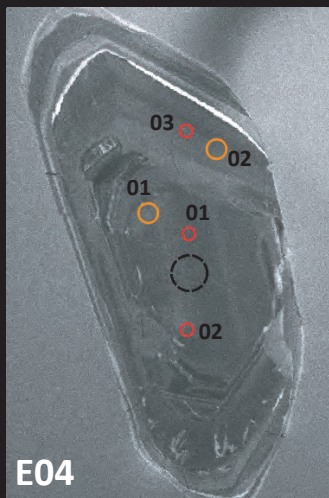
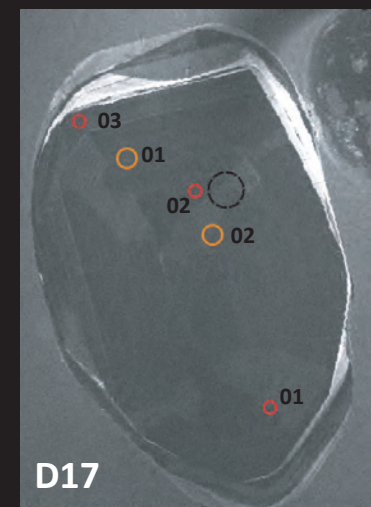
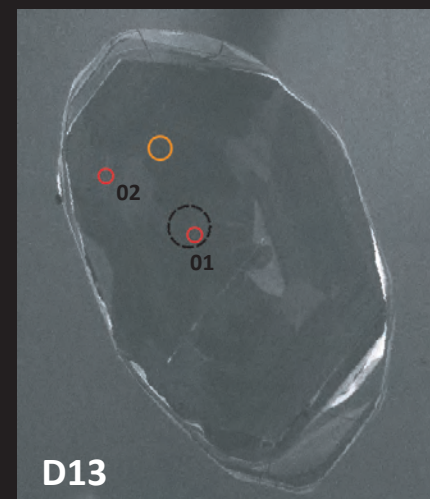
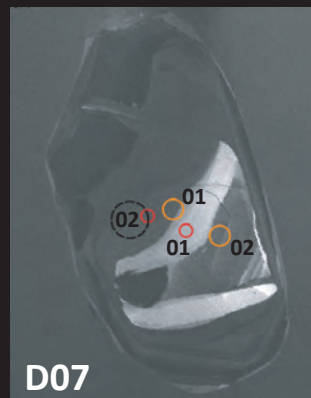
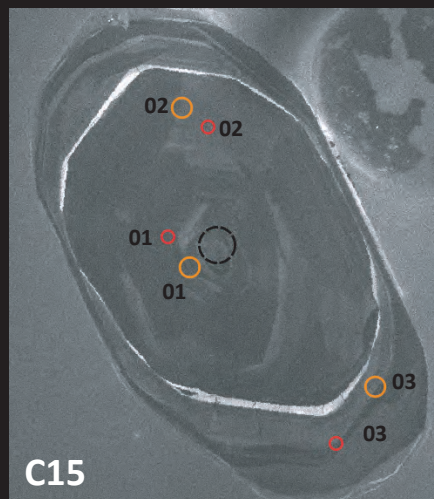
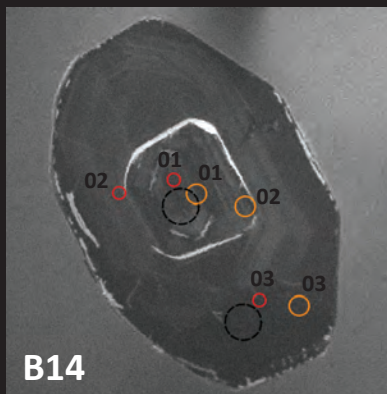
SG-027

100 μm

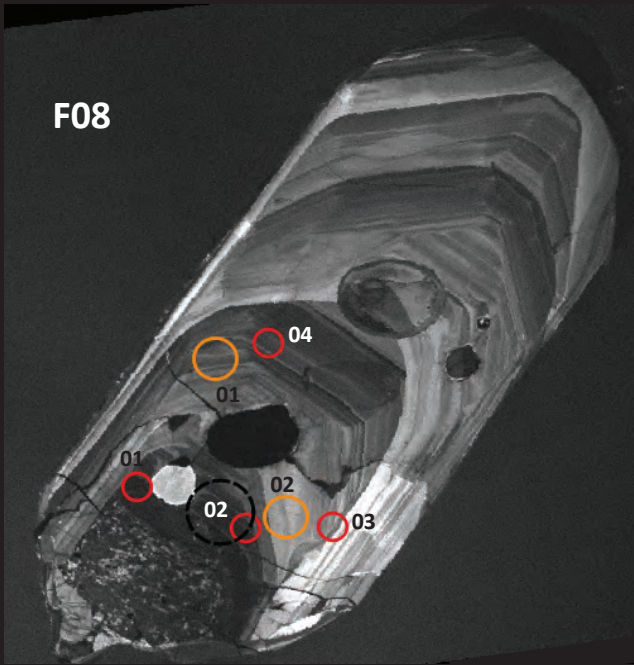
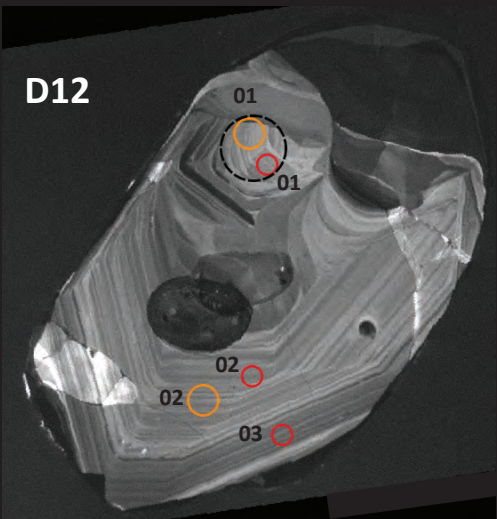
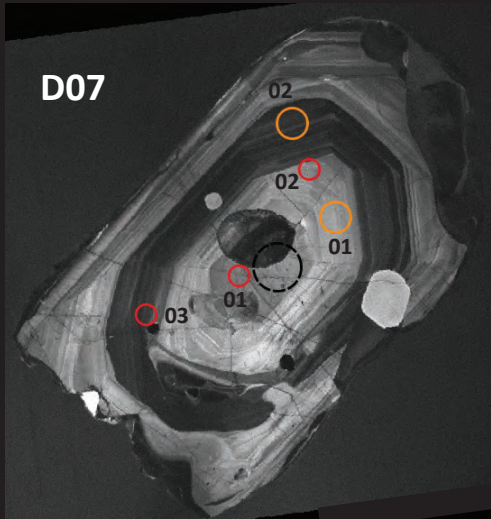
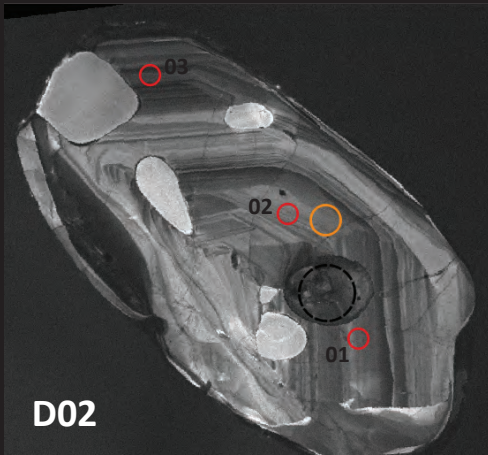
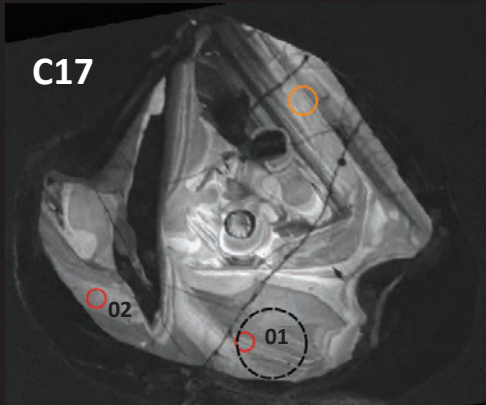
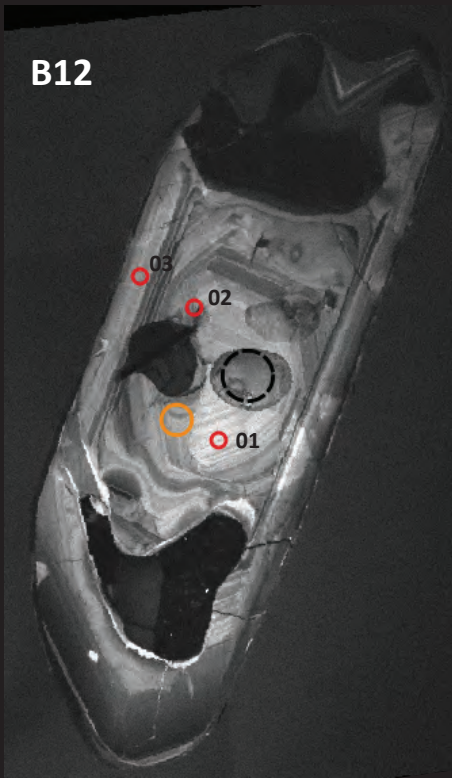
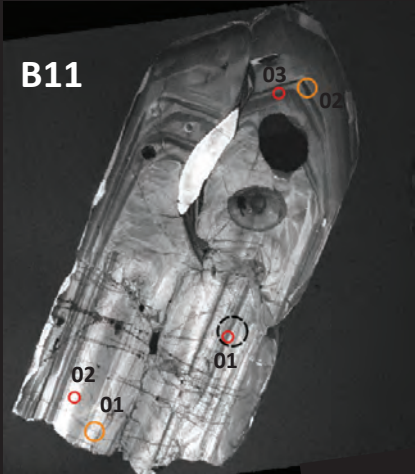
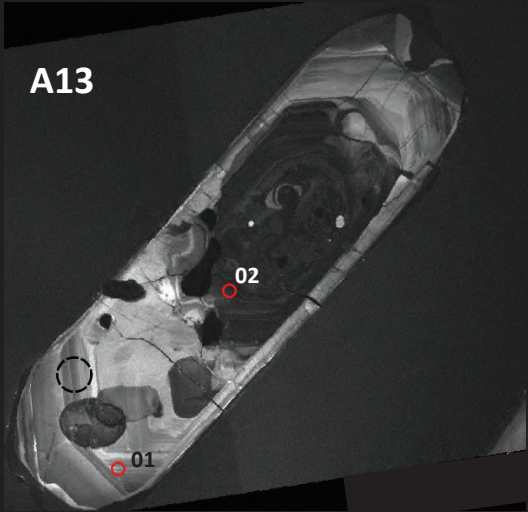
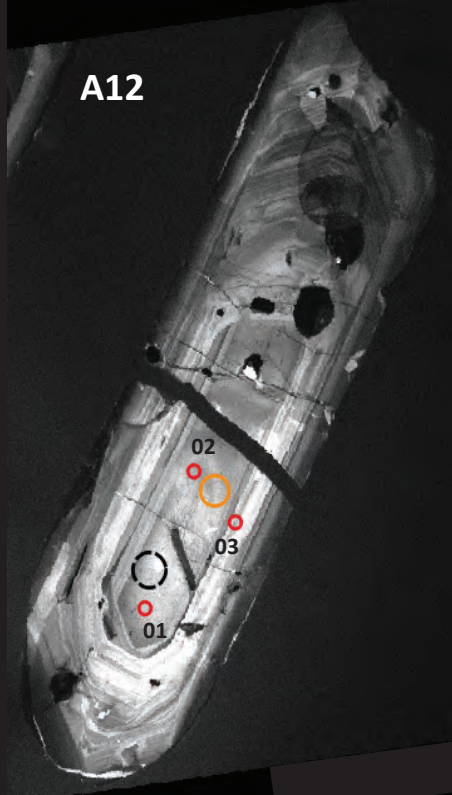
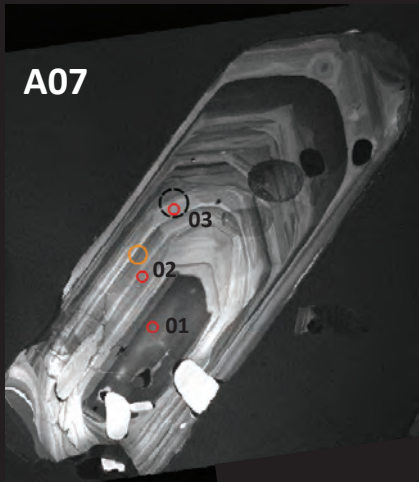
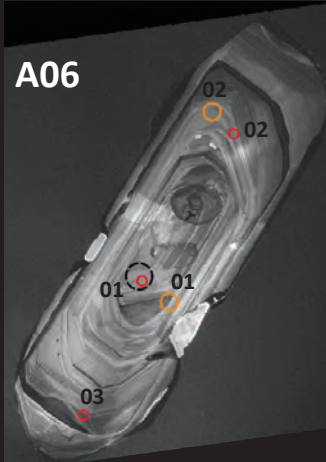
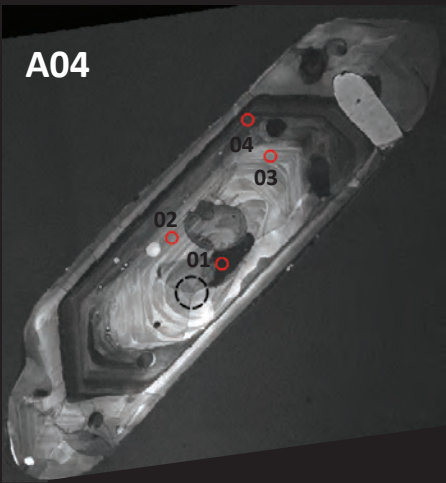
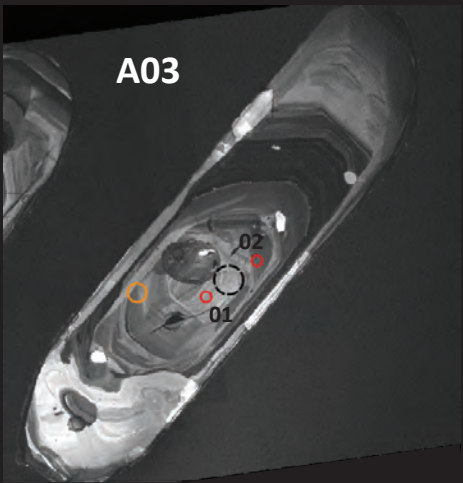
WiscSIMS O
(~10 μm)

WiscSIMS TE
(~12 μm)

Approximate location
U-Pb/Lu-Hf (~40 μm)
(Wasilewski et al., 2021)

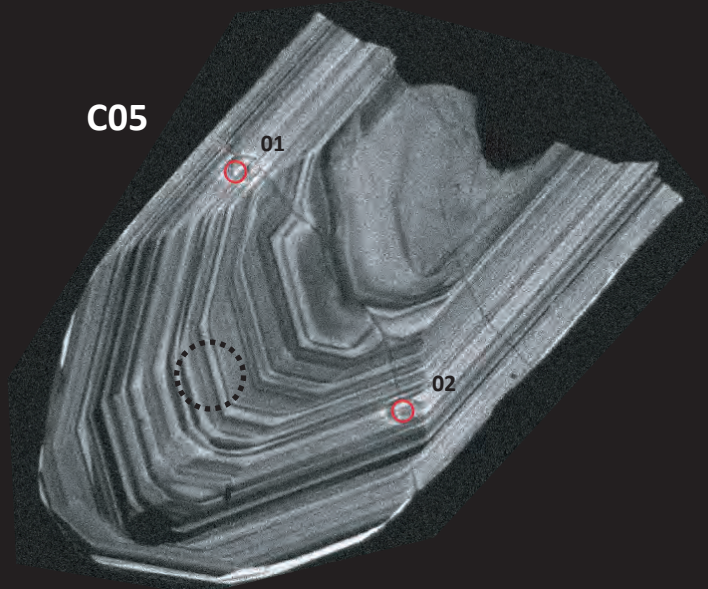
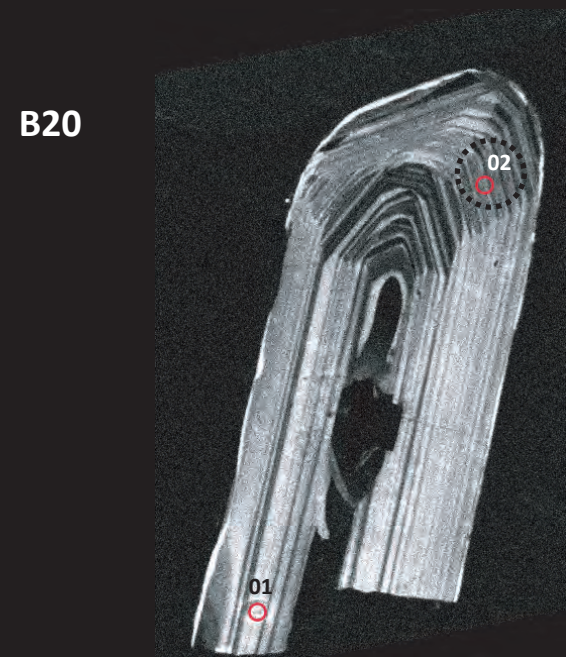
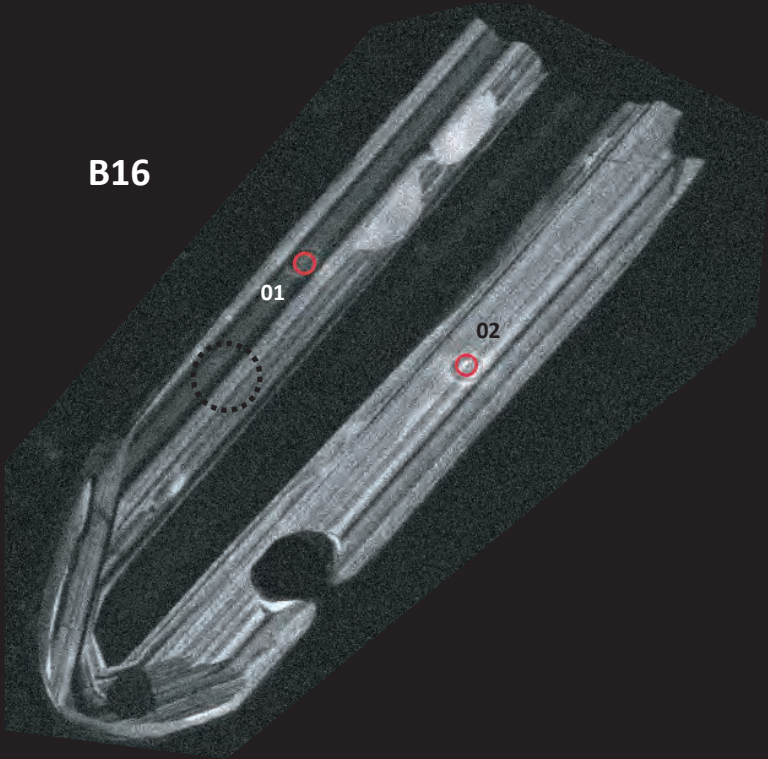
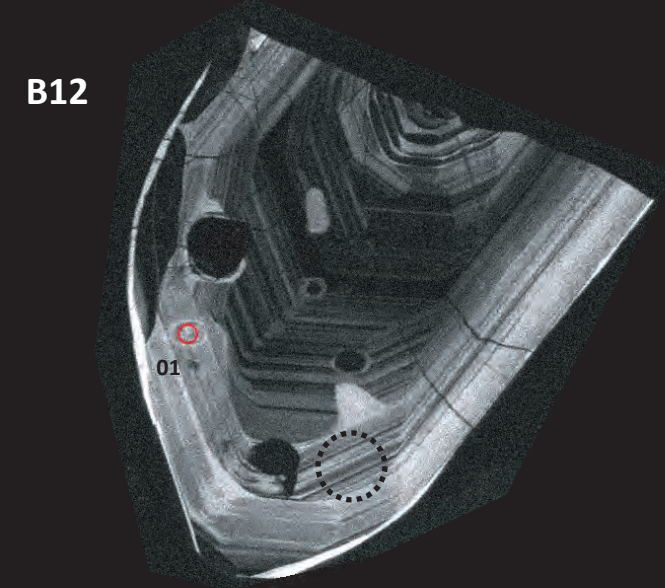
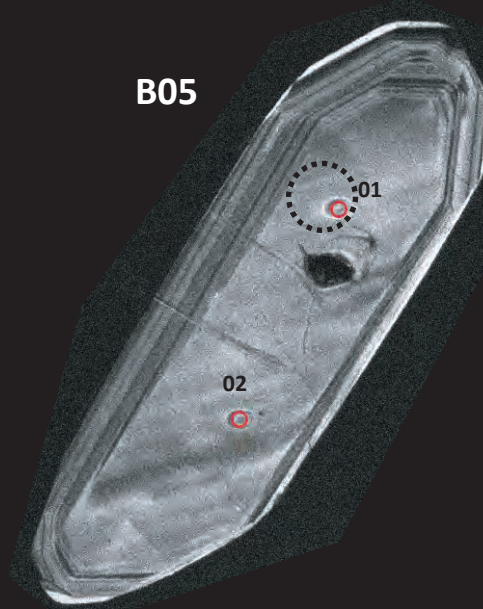
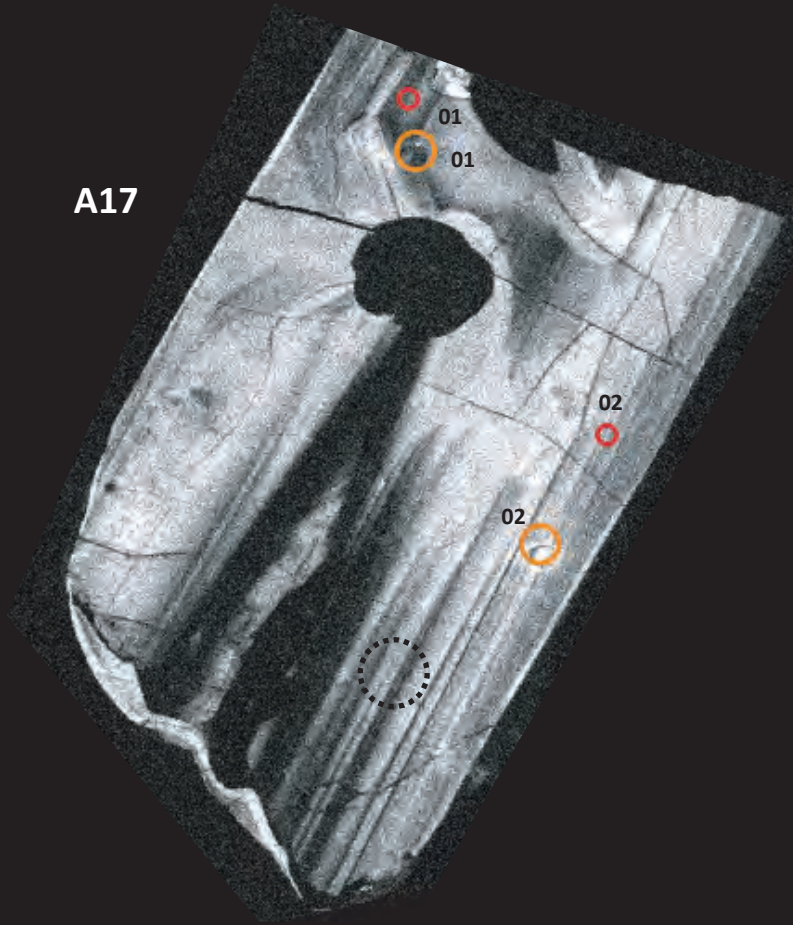
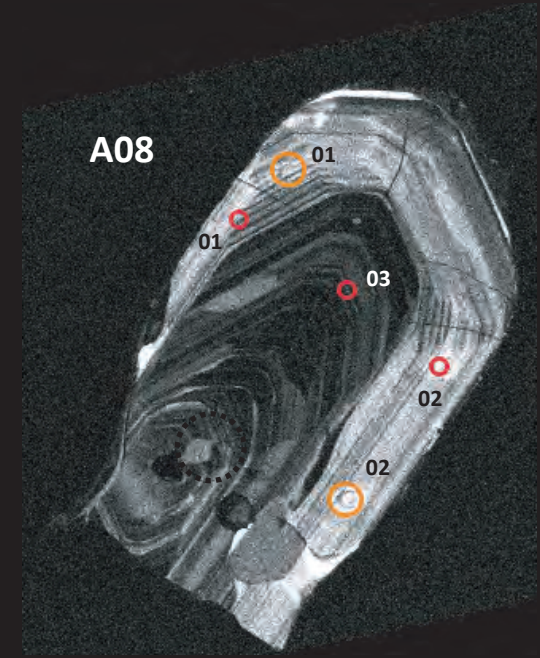
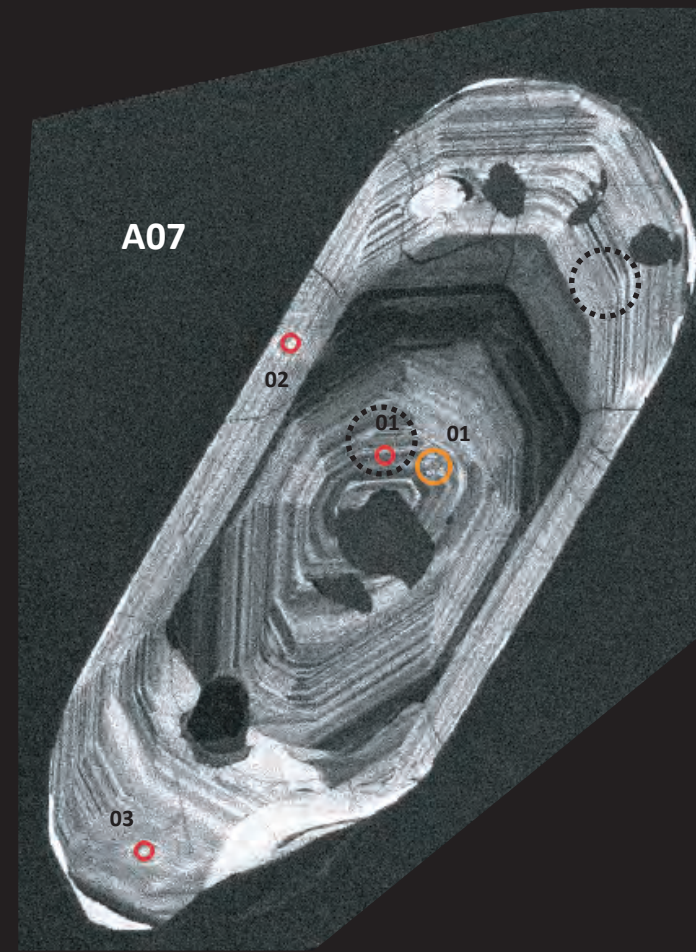
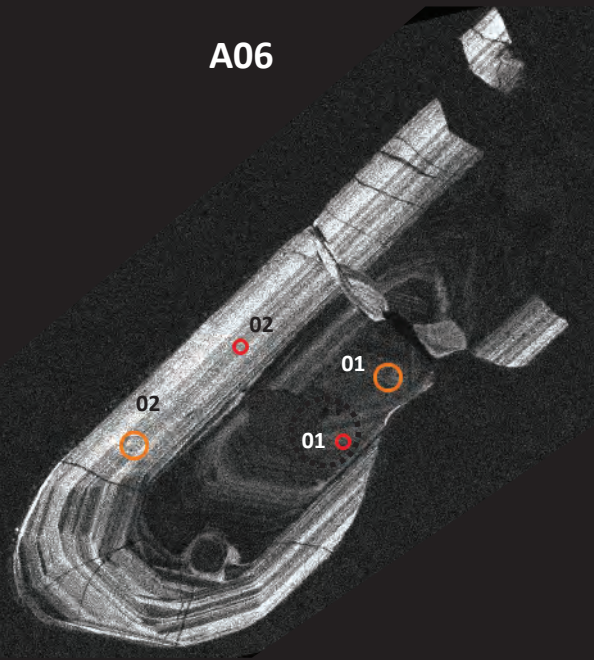
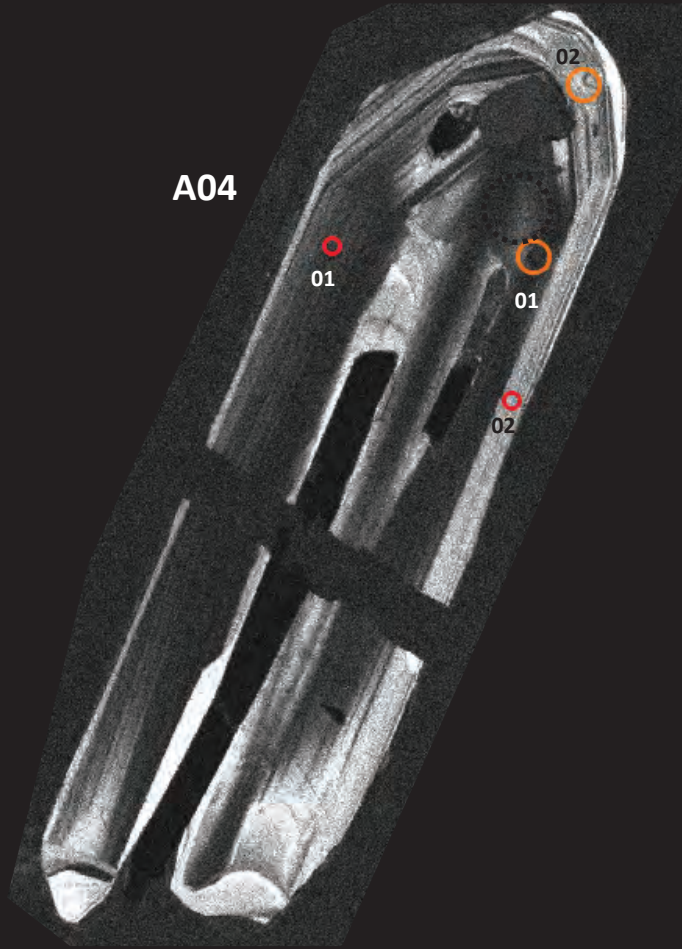


SG-203



○ WiscSIMS O (~10 μm) ○ WiscSIMS TE (~12 μm) ○ Approximate location U-Pb/Lu-Hf (~40 μm) (Wasilewski et al., 2021)

100 μm

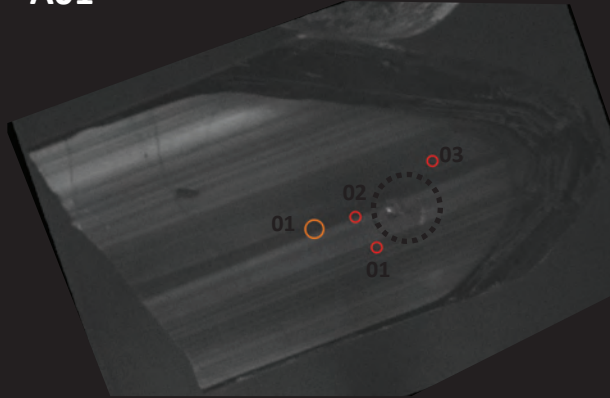


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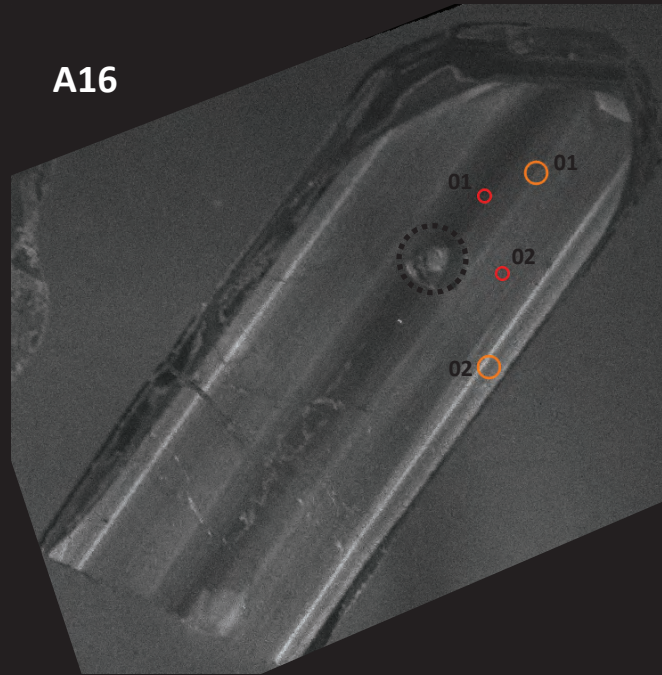
○ WiscSIMS O (~10 μm)
○ WiscSIMS TE (~12 μm)
○ Approximate location U-Pb/Lu-Hf (~40 μm) (Wasilewski et al., 2021)

100 μm

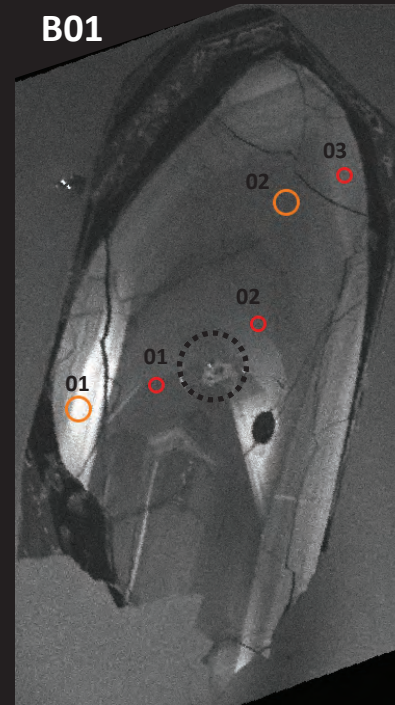
A01



A16



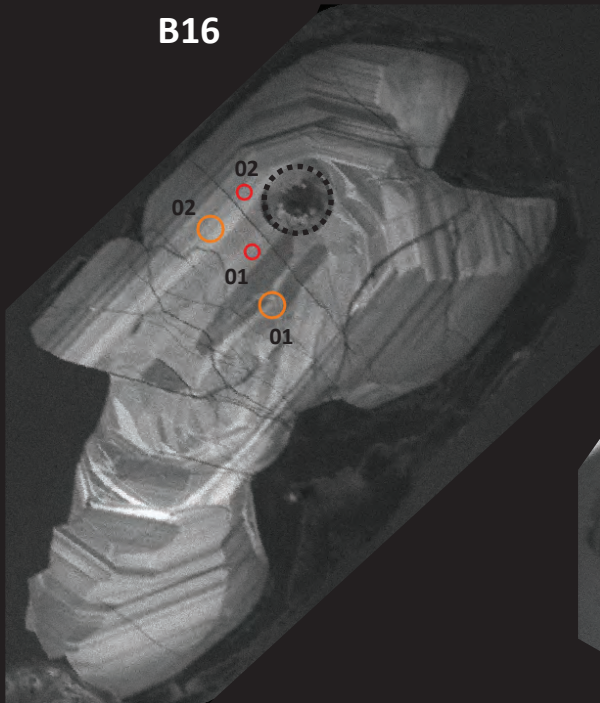
B01



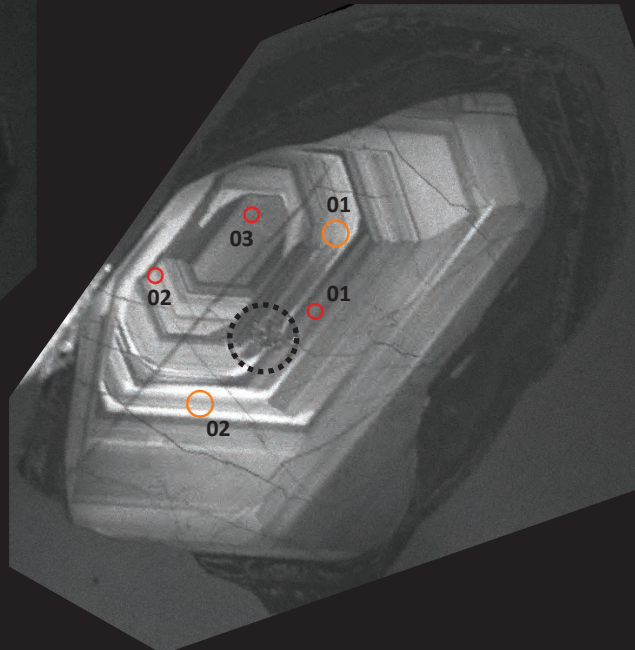
B11



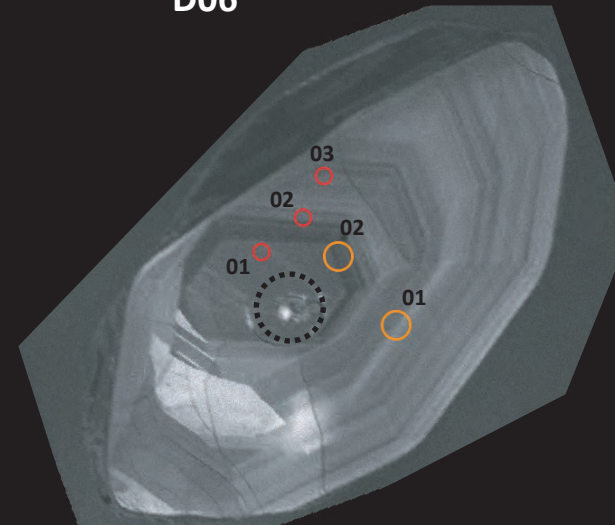
B16



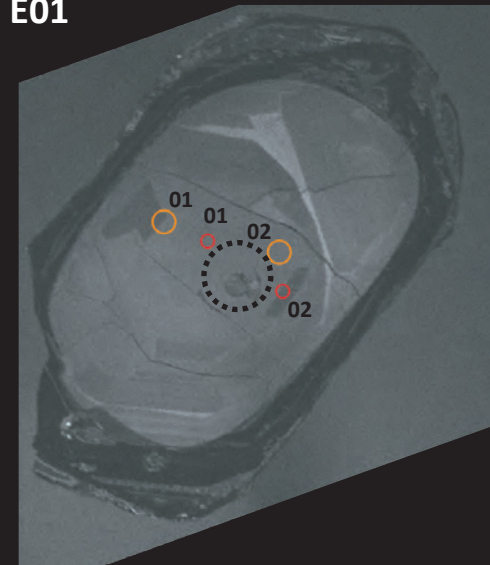
D04



D06



E01



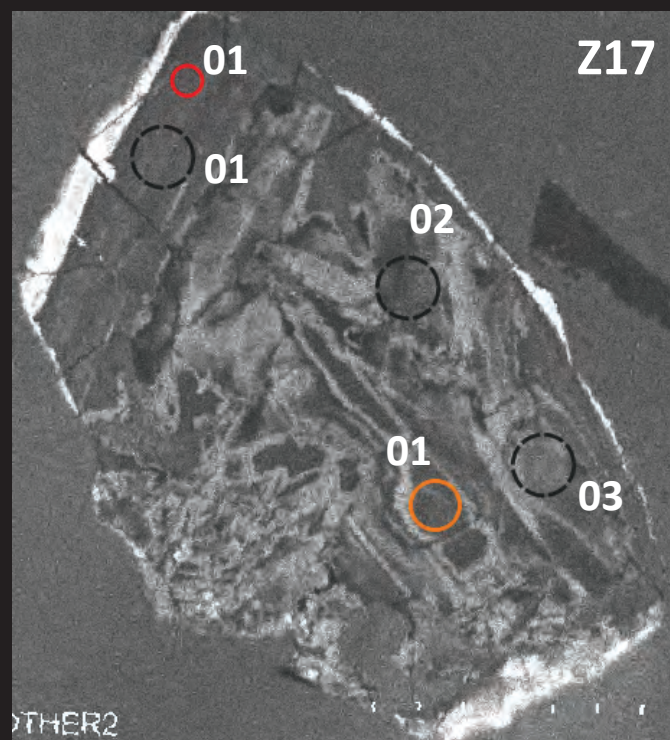
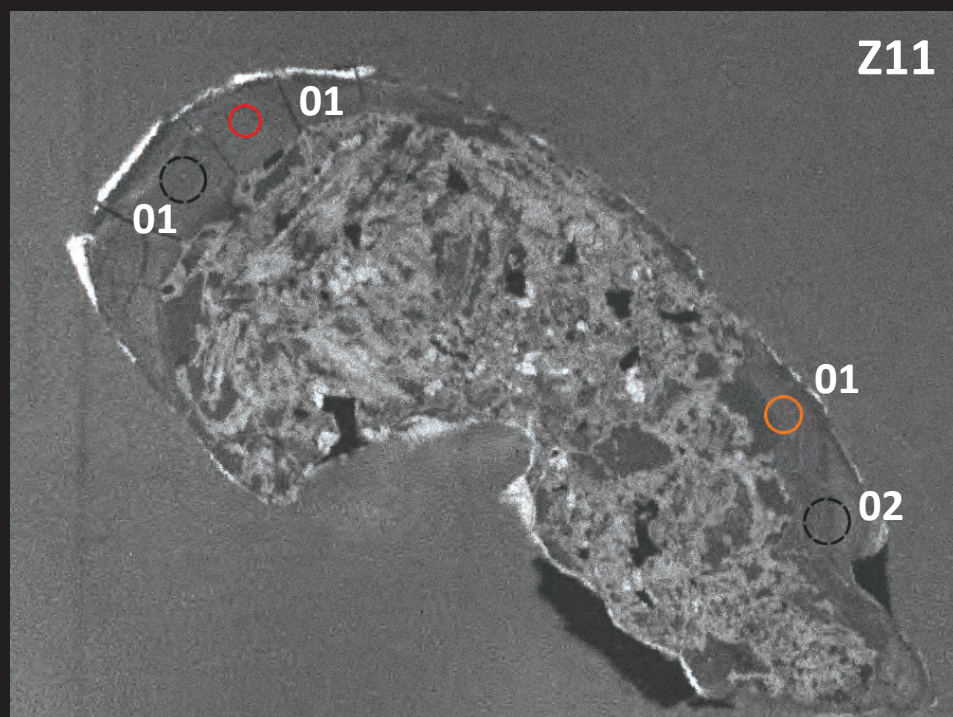
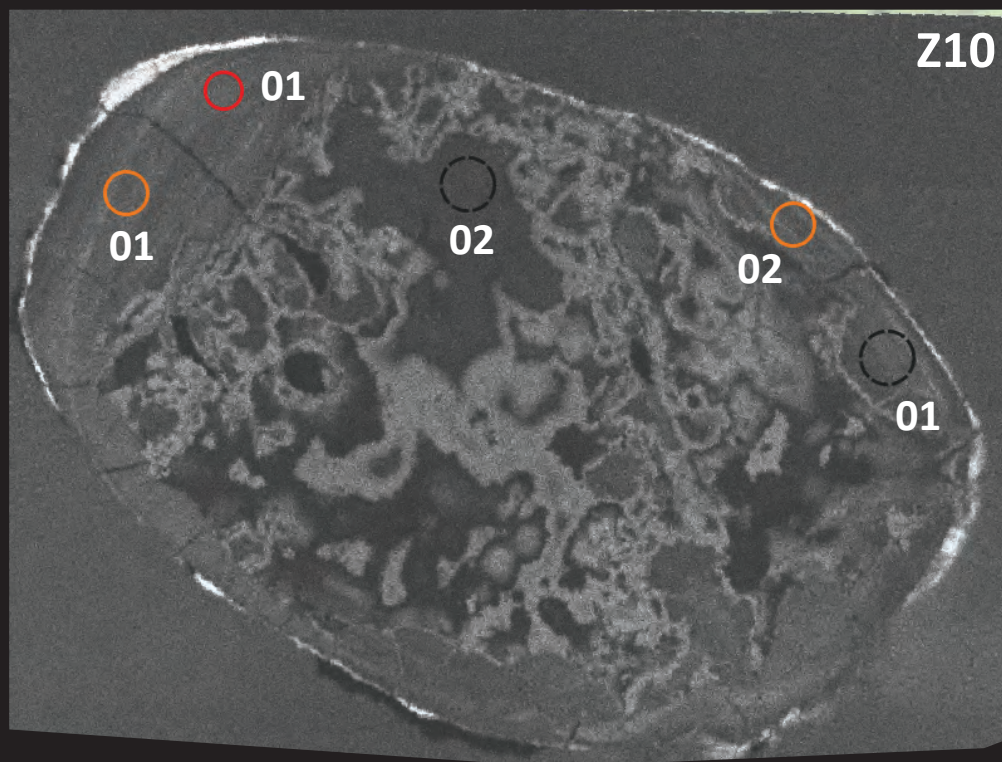
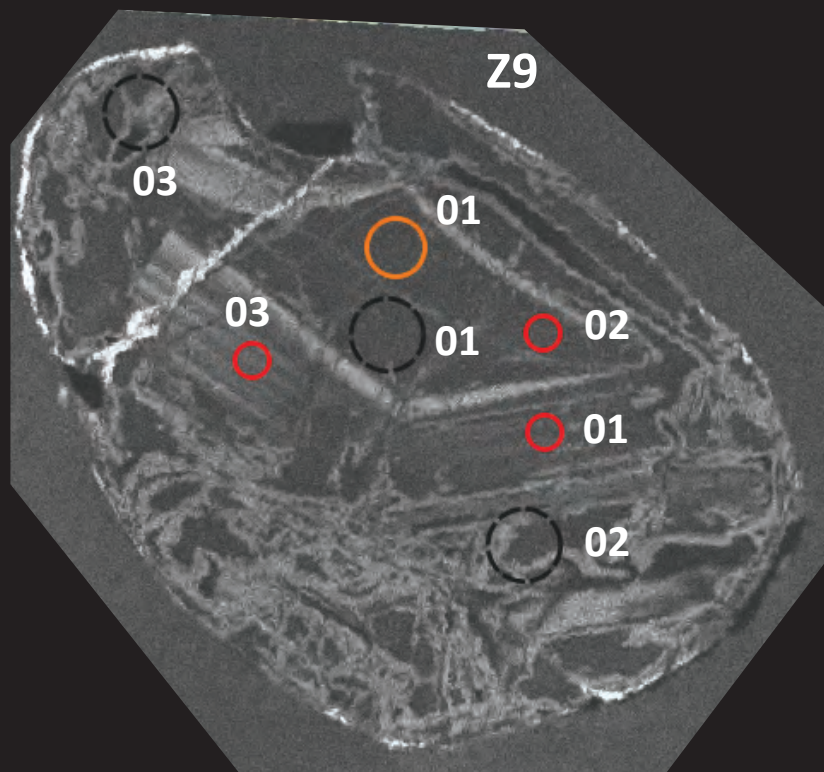
SB-91-63

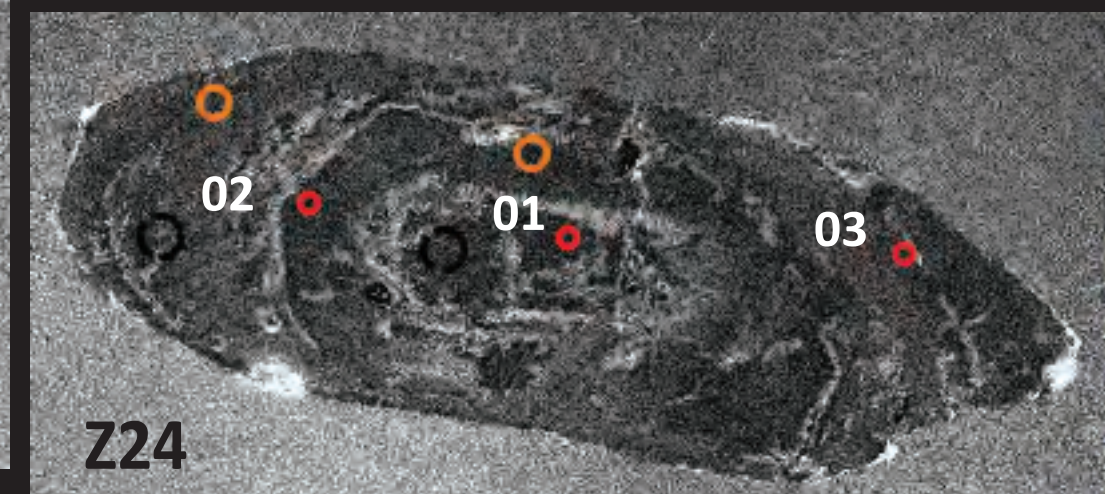
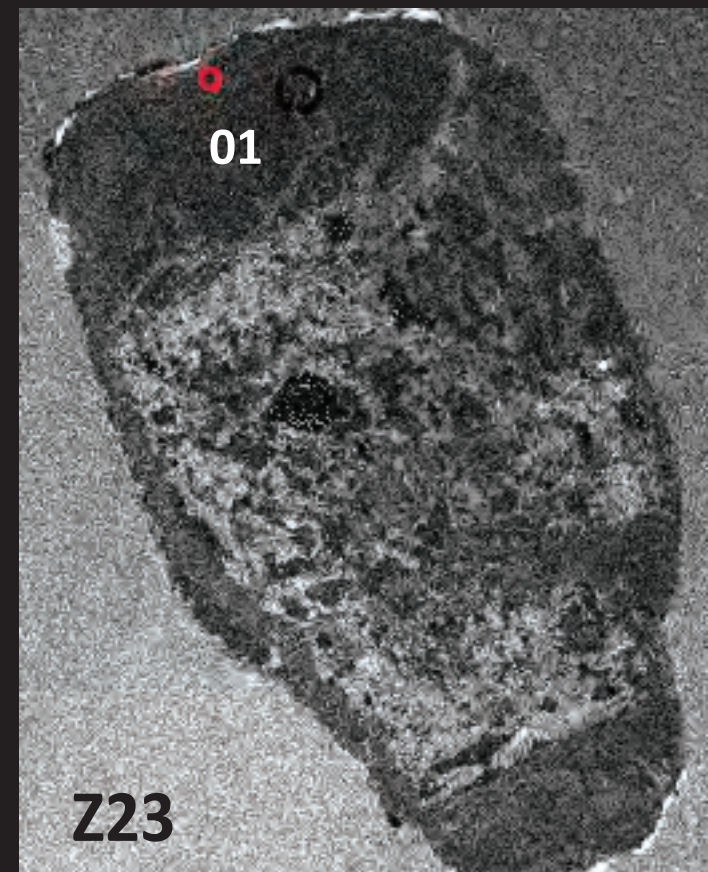
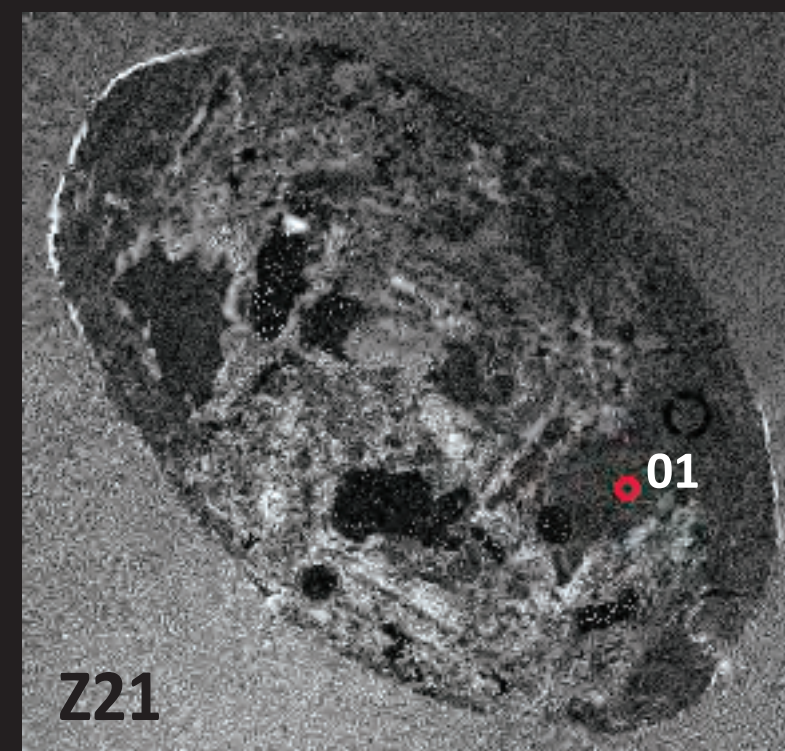
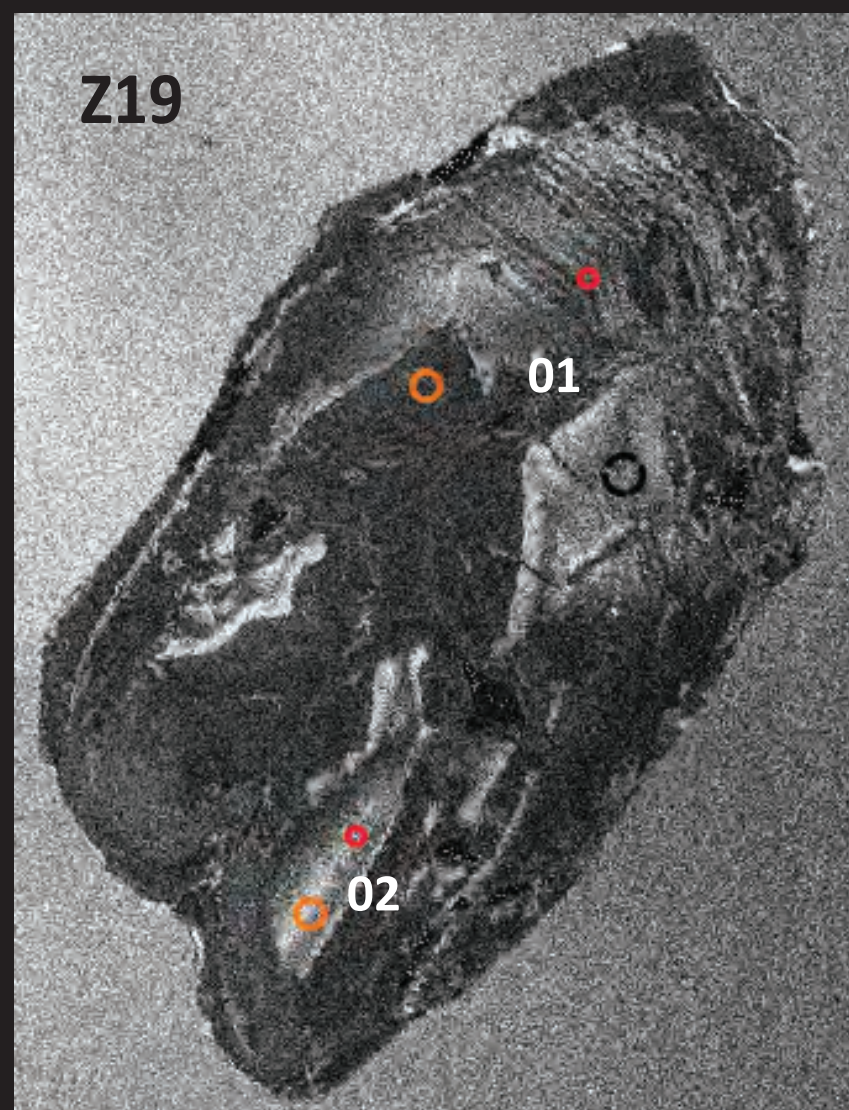
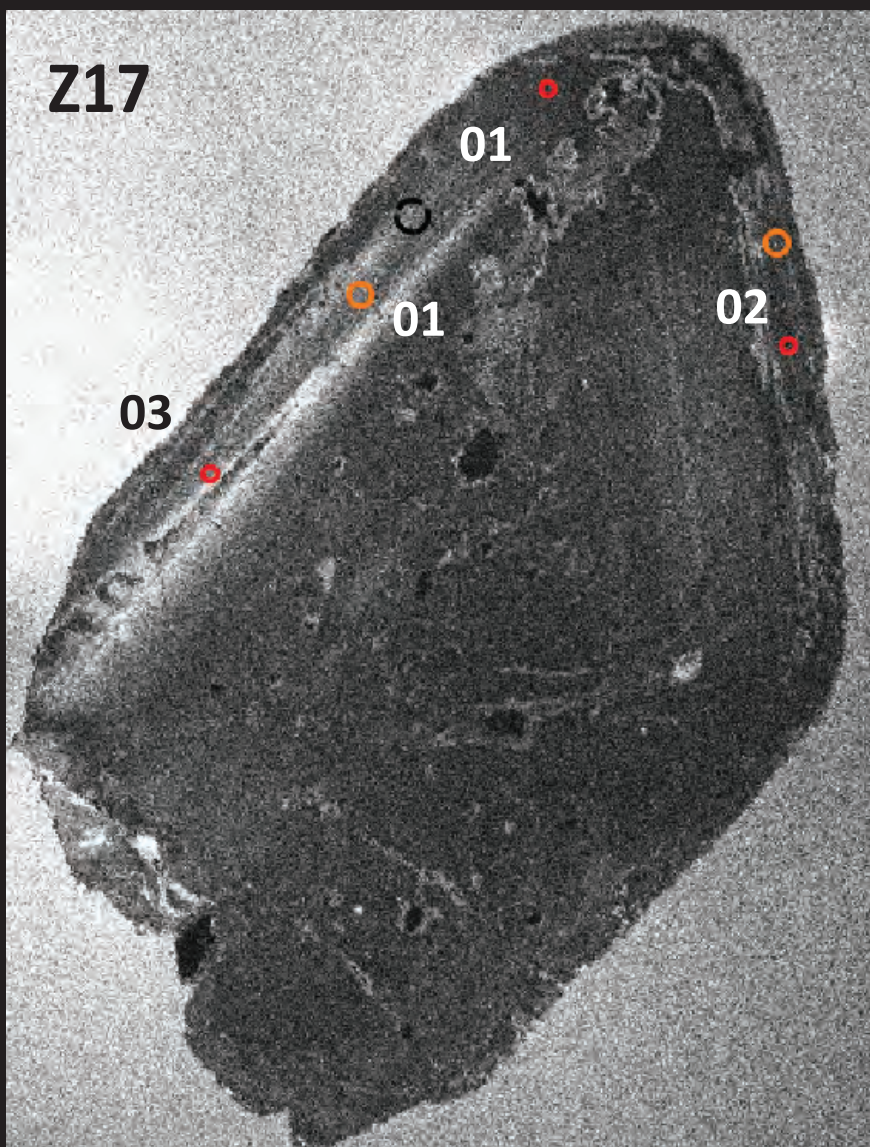
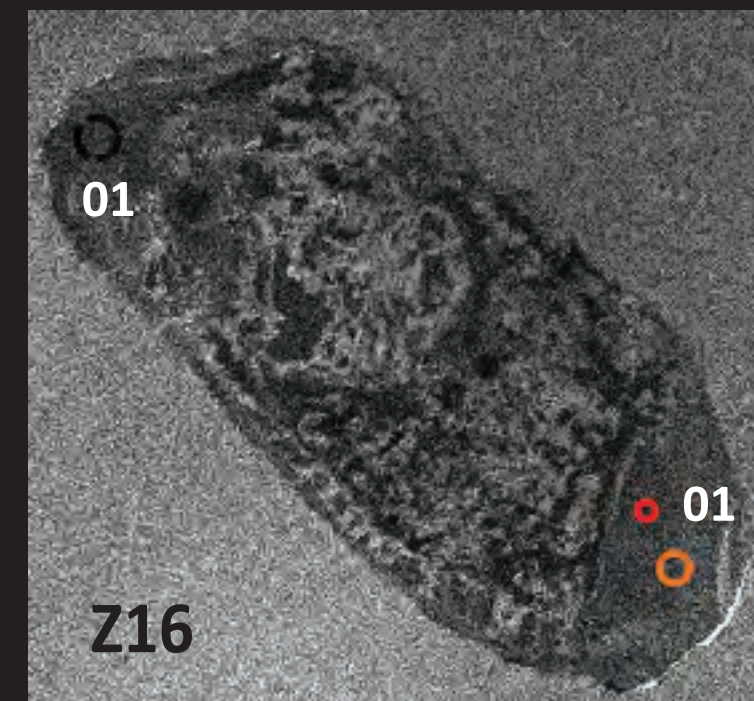
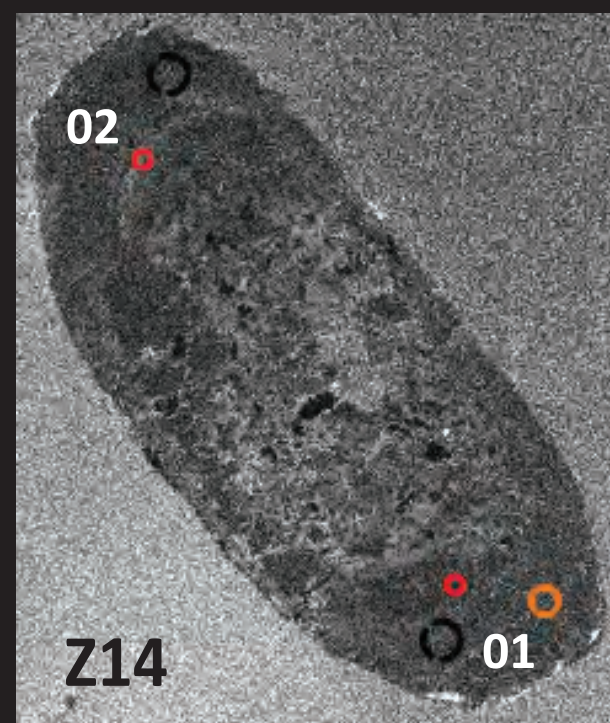
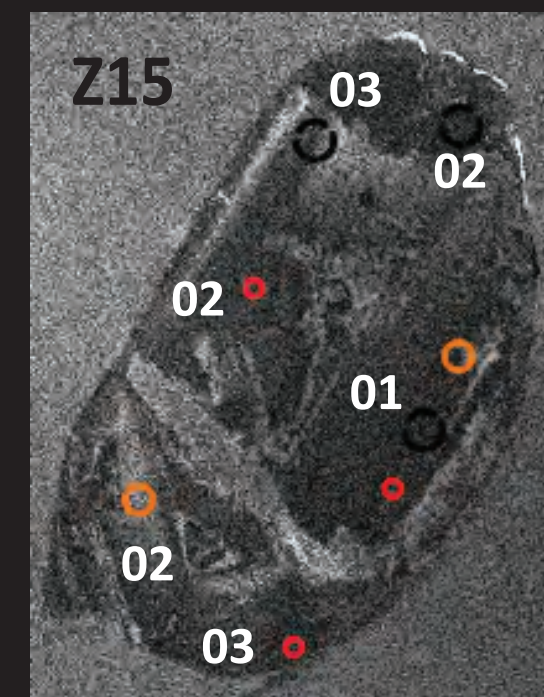
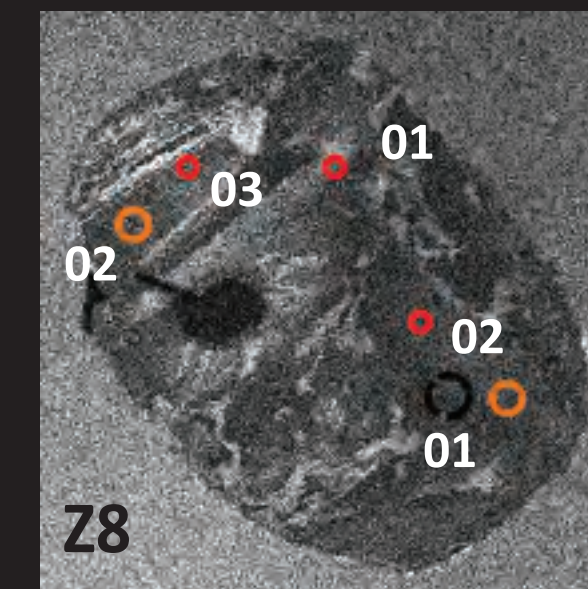
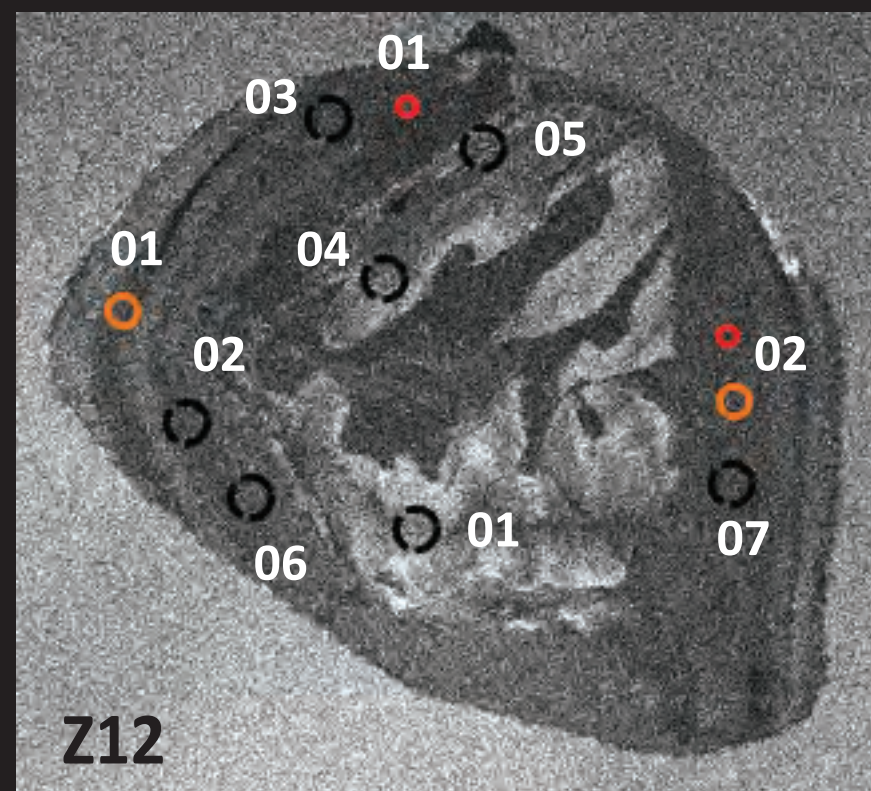
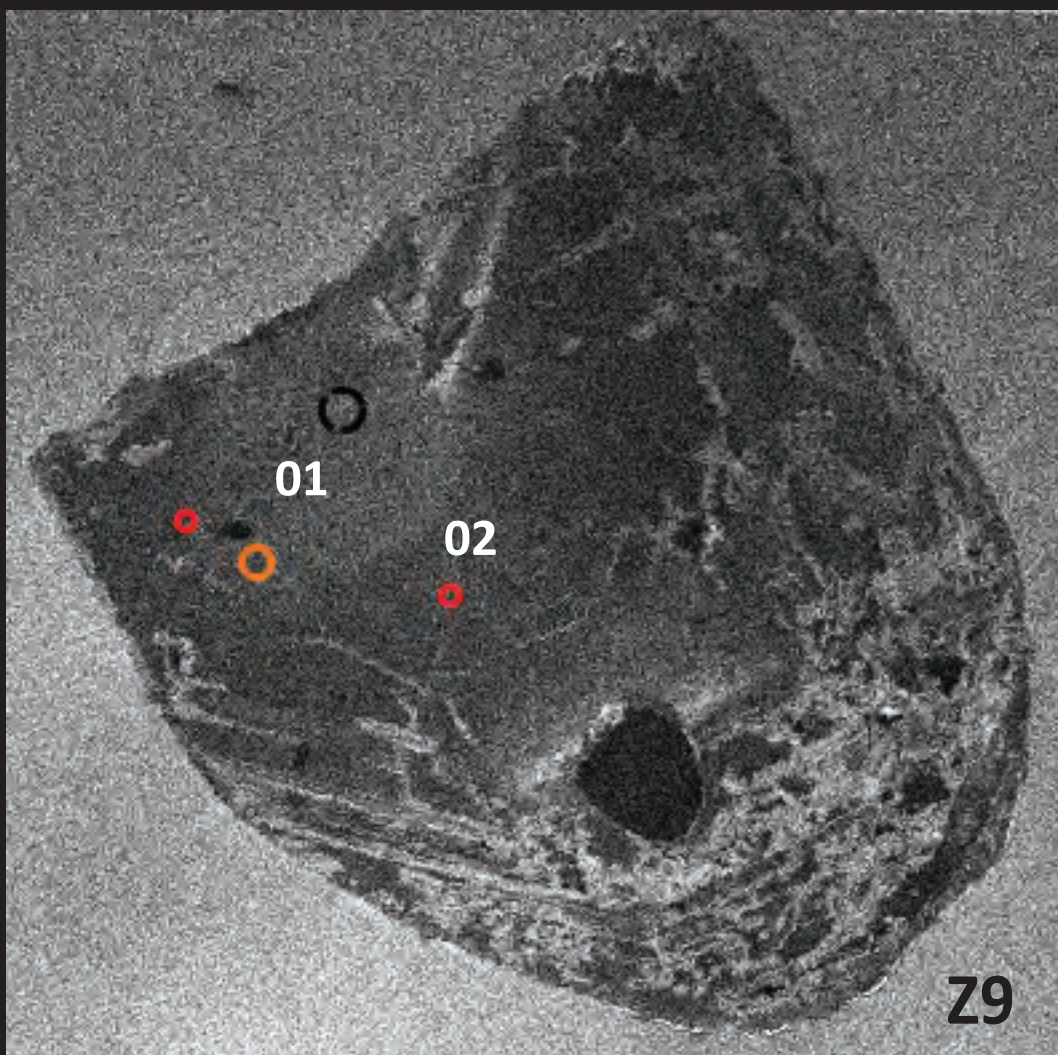
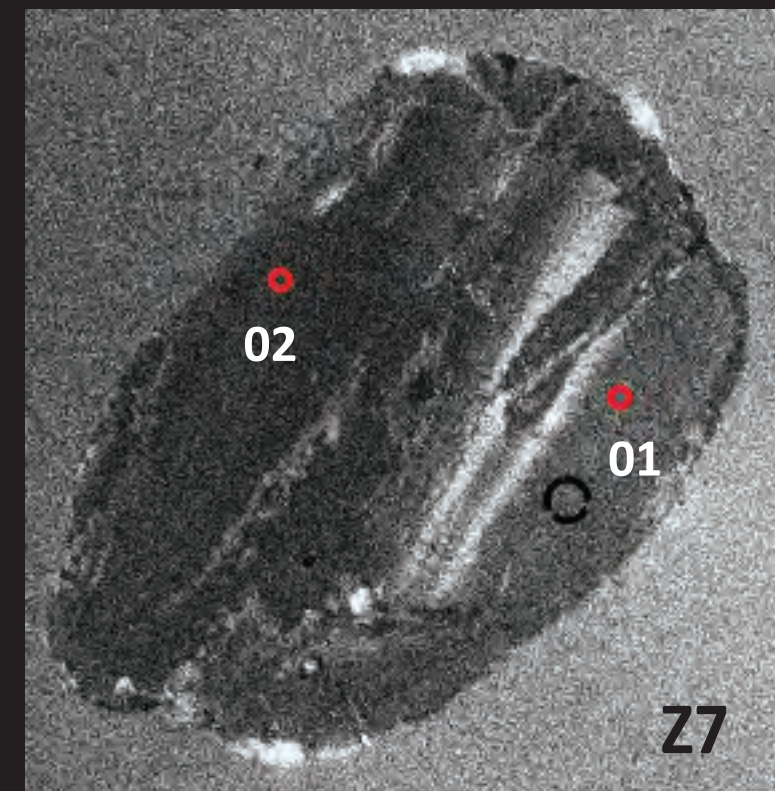
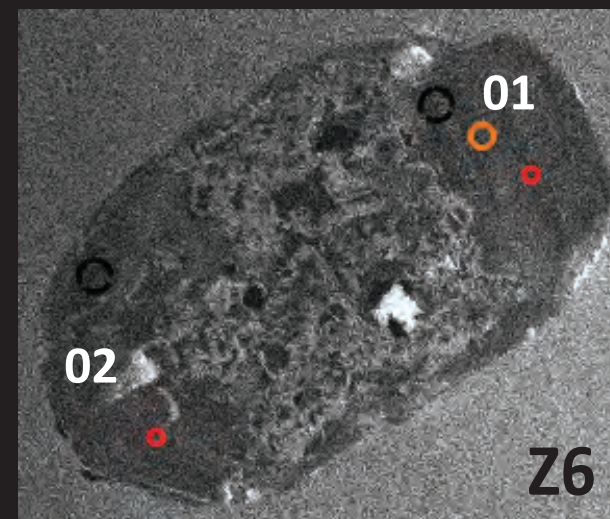
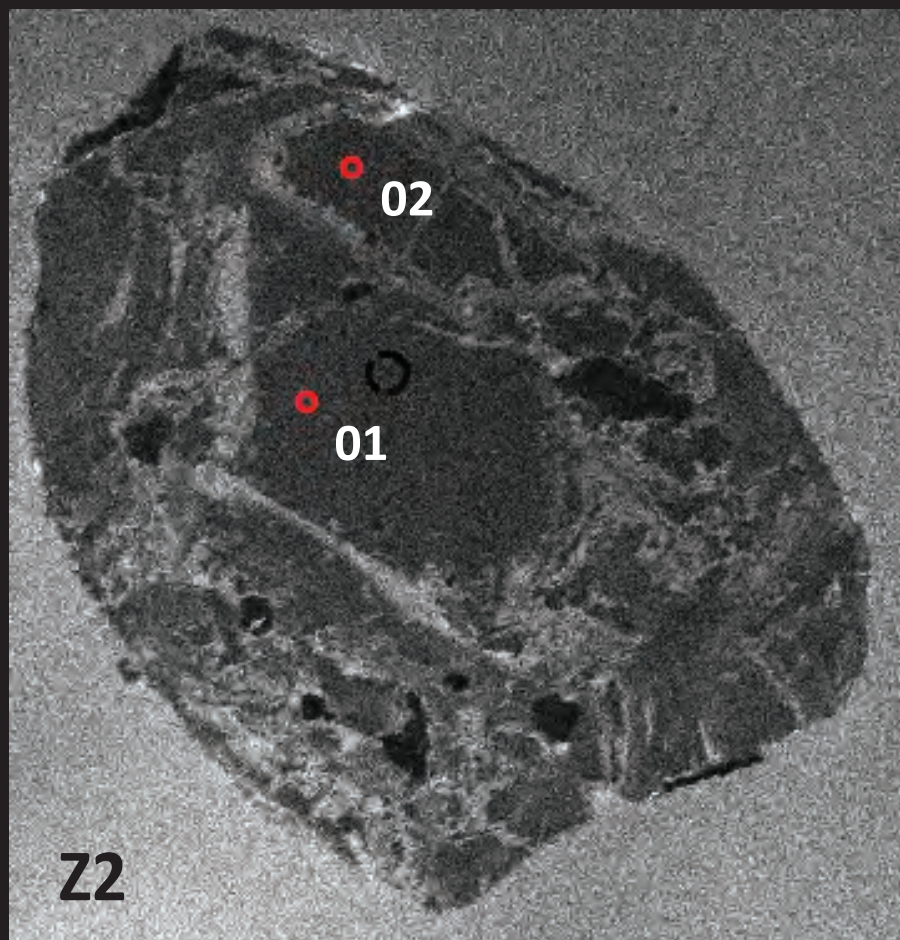
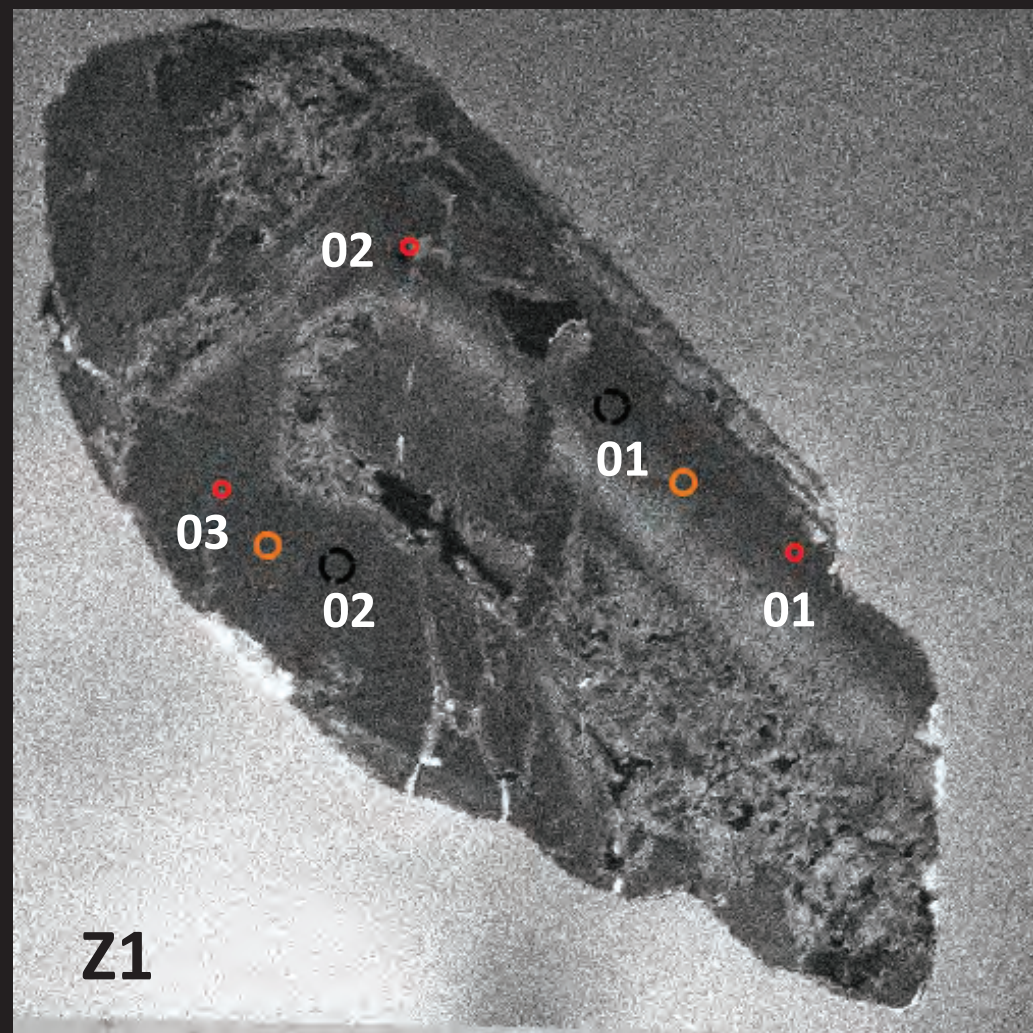
100 μm

○ WiscSIMS O
(~10 μm)

○ WiscSIMS TE
(~15 μm)

○ WiscSIMS U-Pb
(~20 μm)





100 μ m

AB-13-04

WiscSIMS O (~10 μ m) WiscSIMS TE (~15 μ m) WiscSIMS U-Pb (~20 μ m)

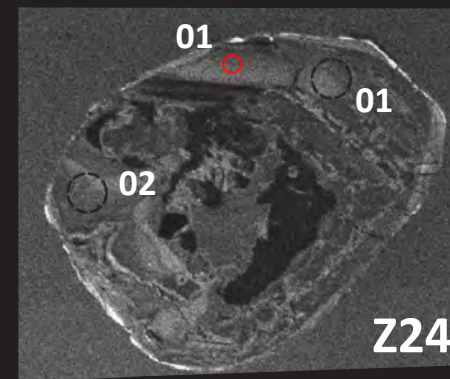
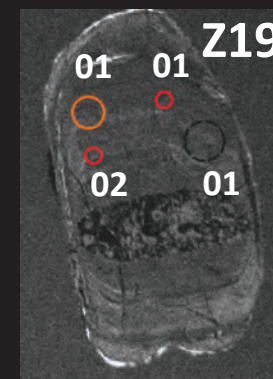
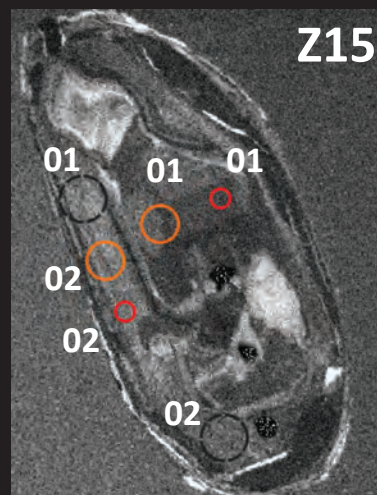
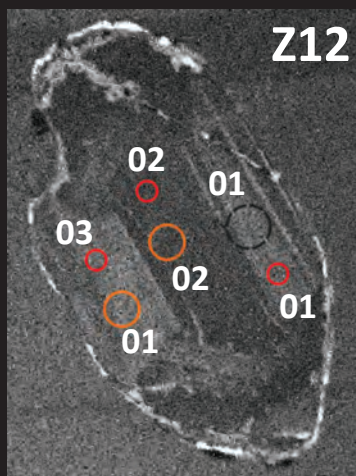
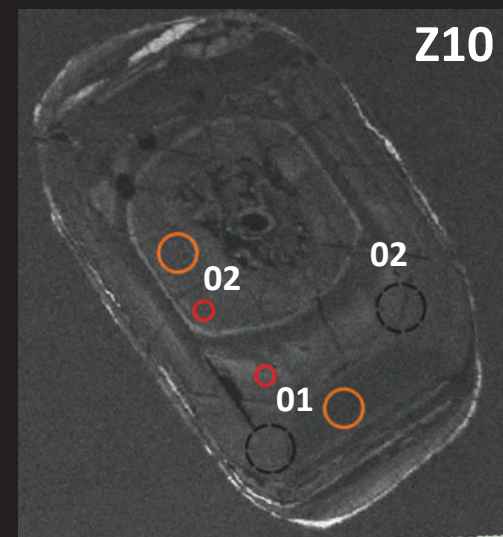
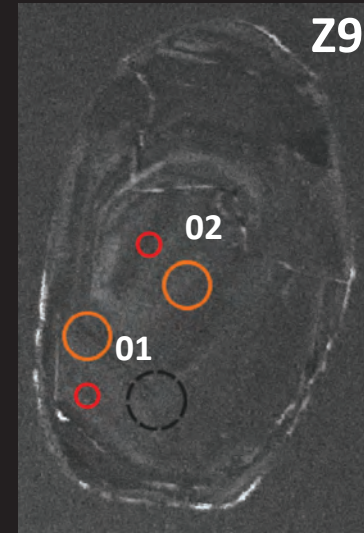
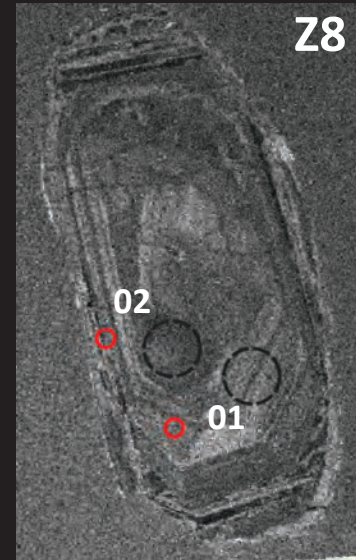
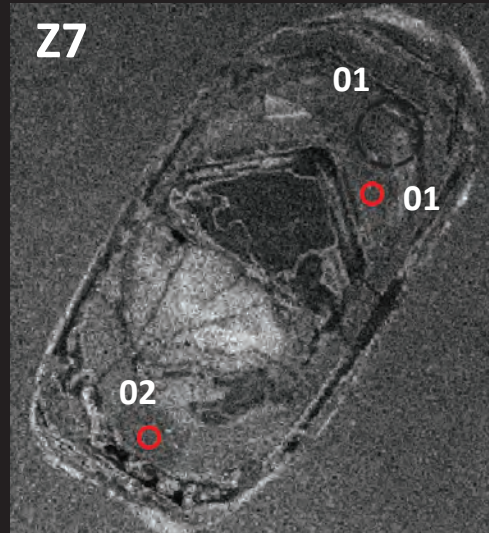
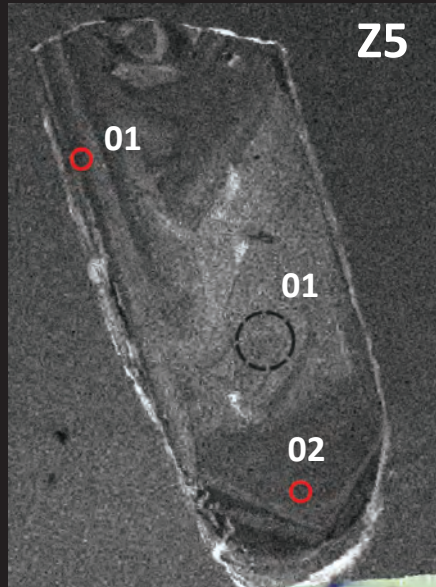
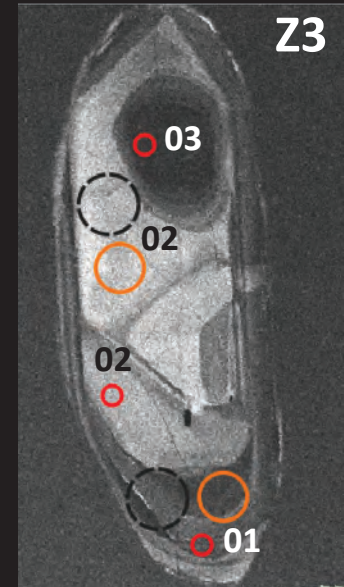
403-LE-TON

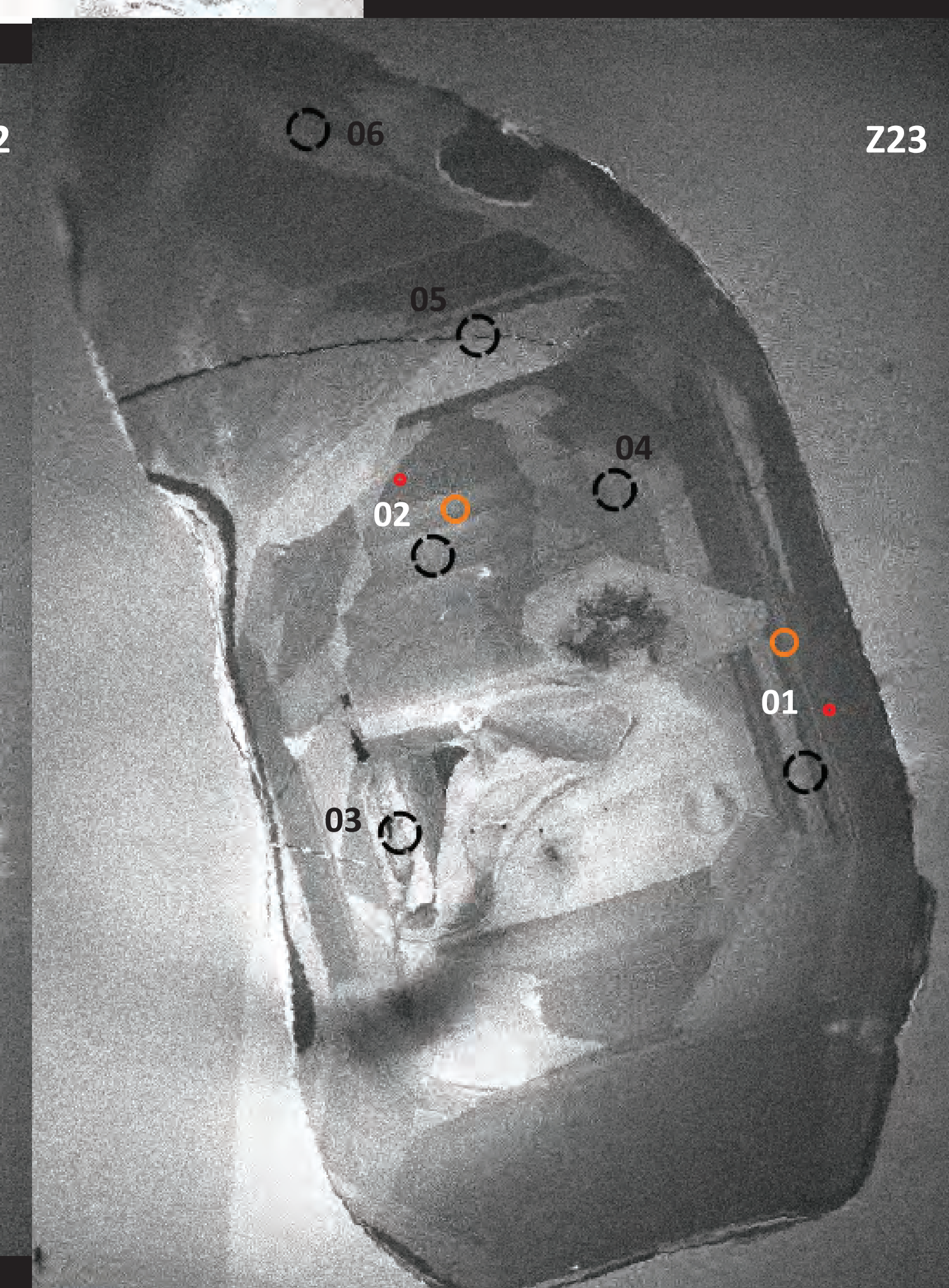
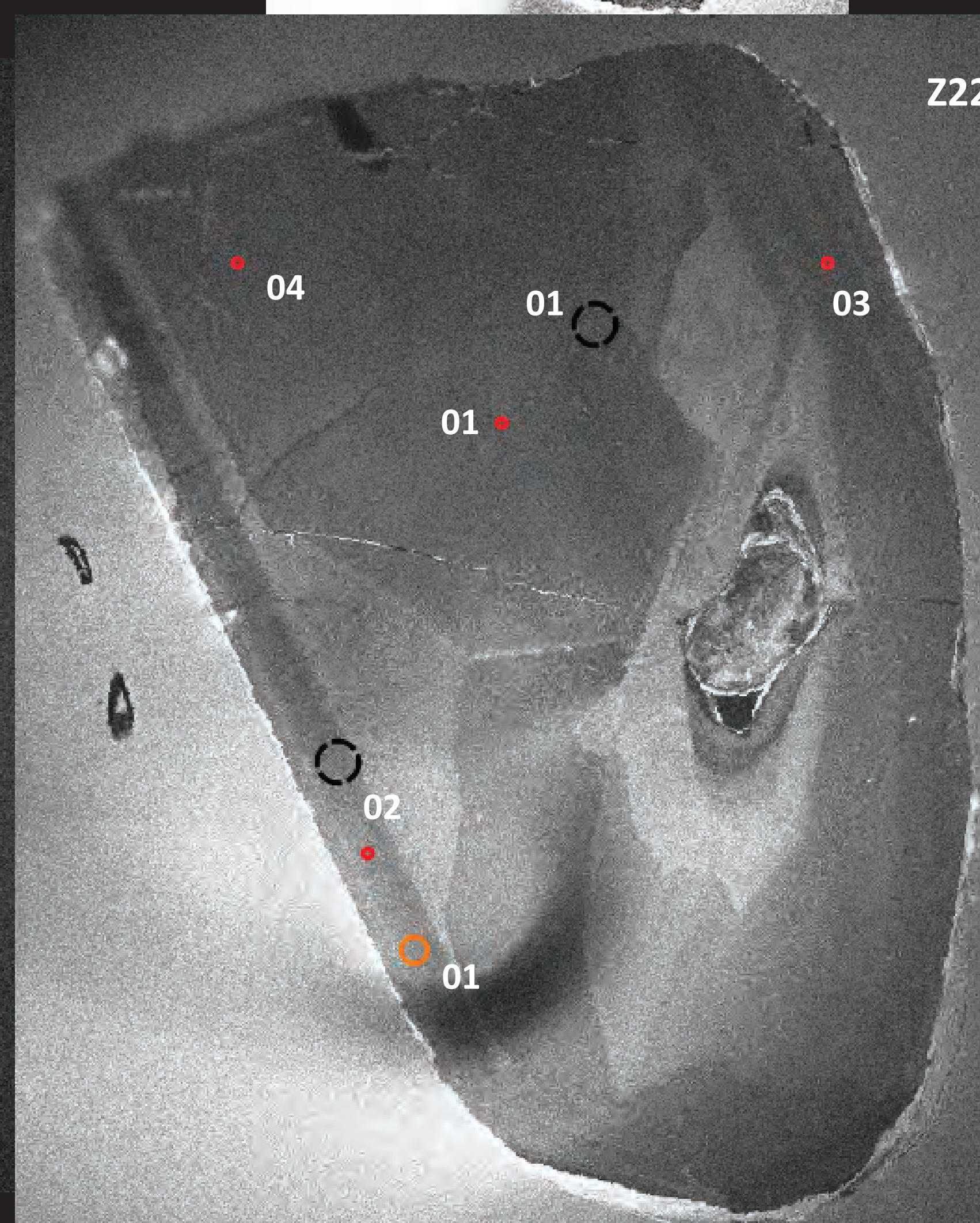
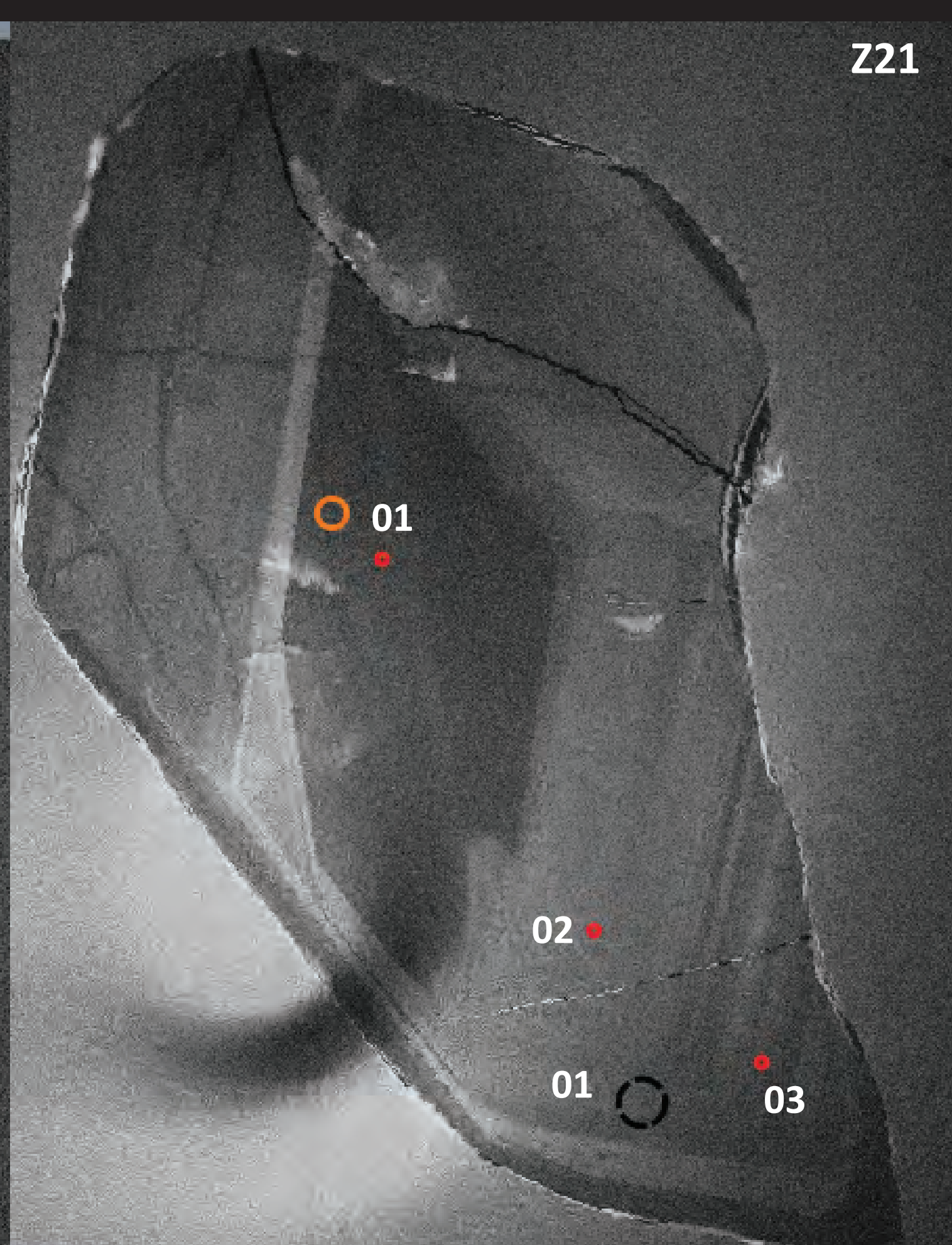
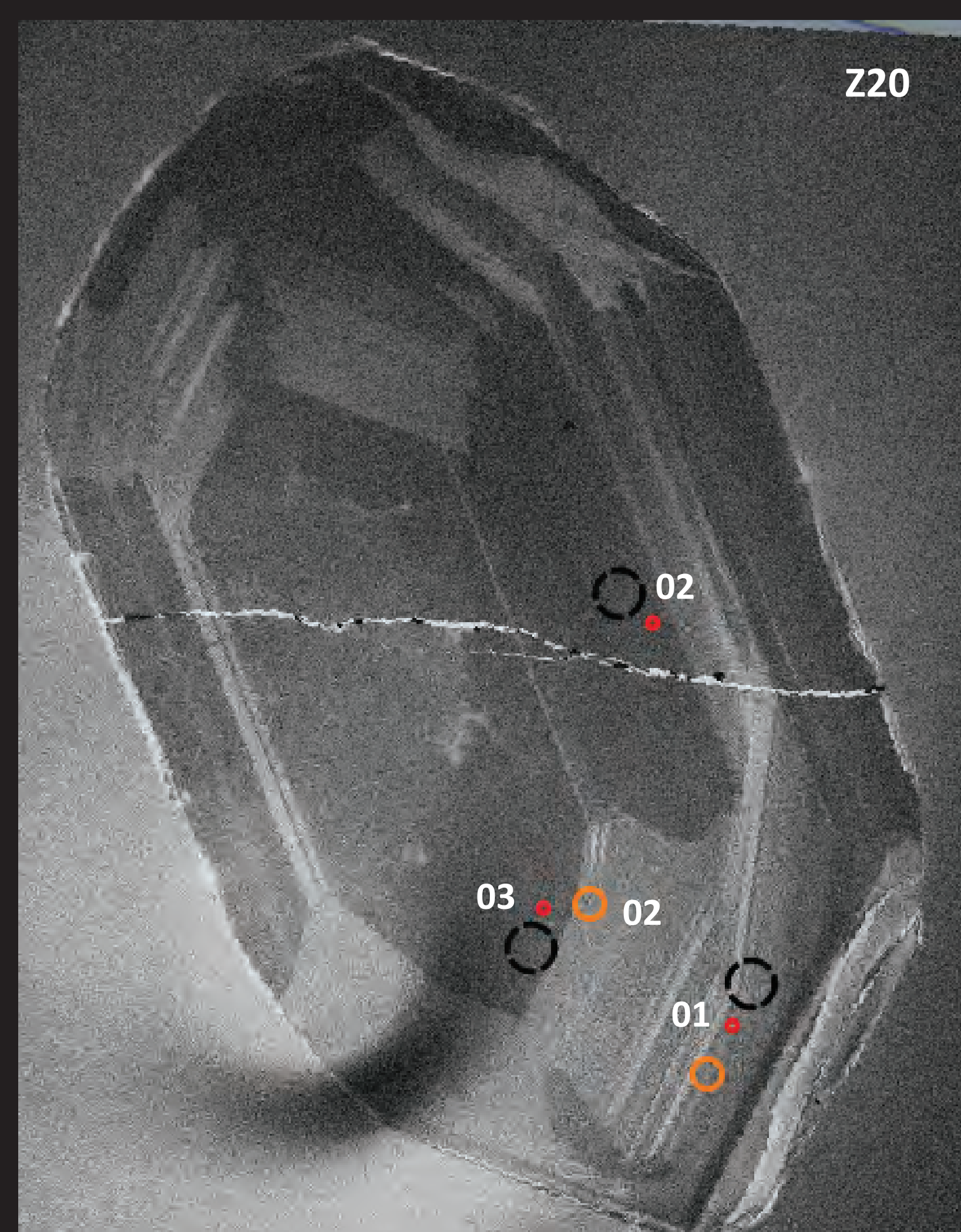
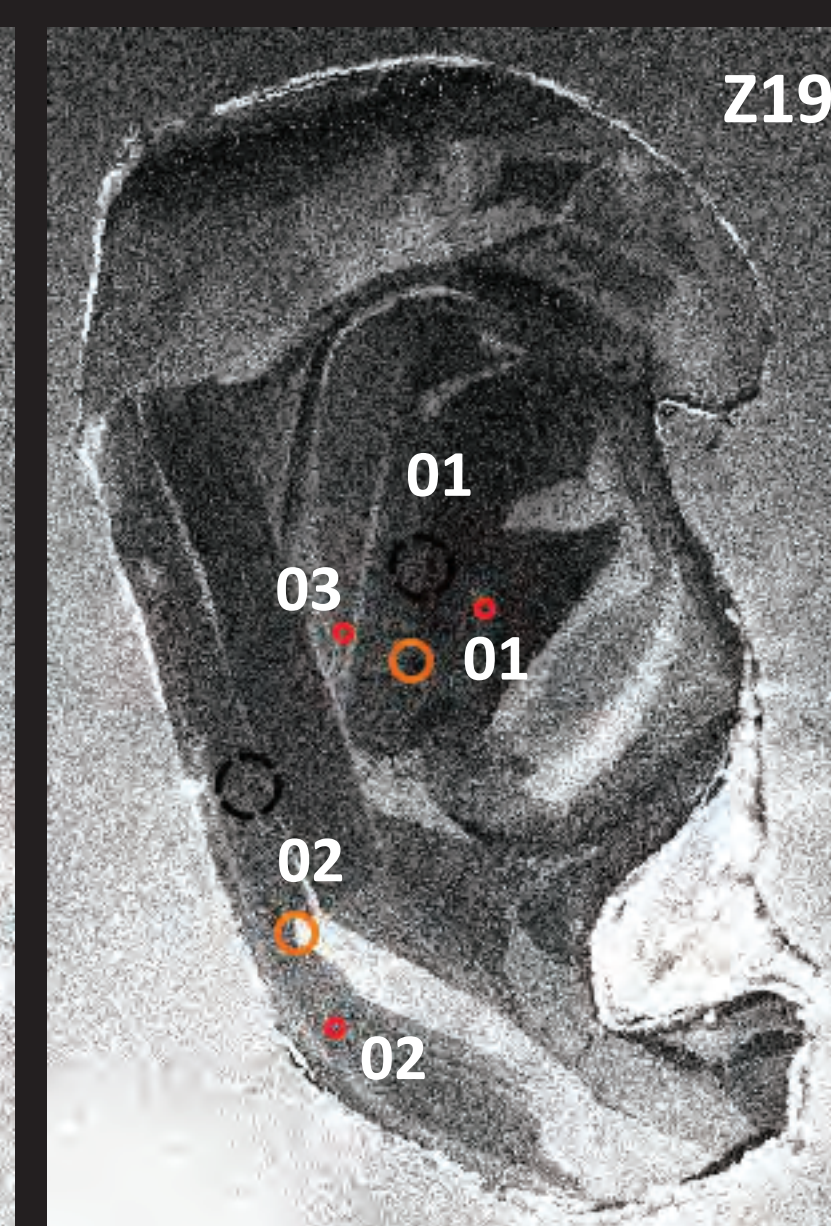
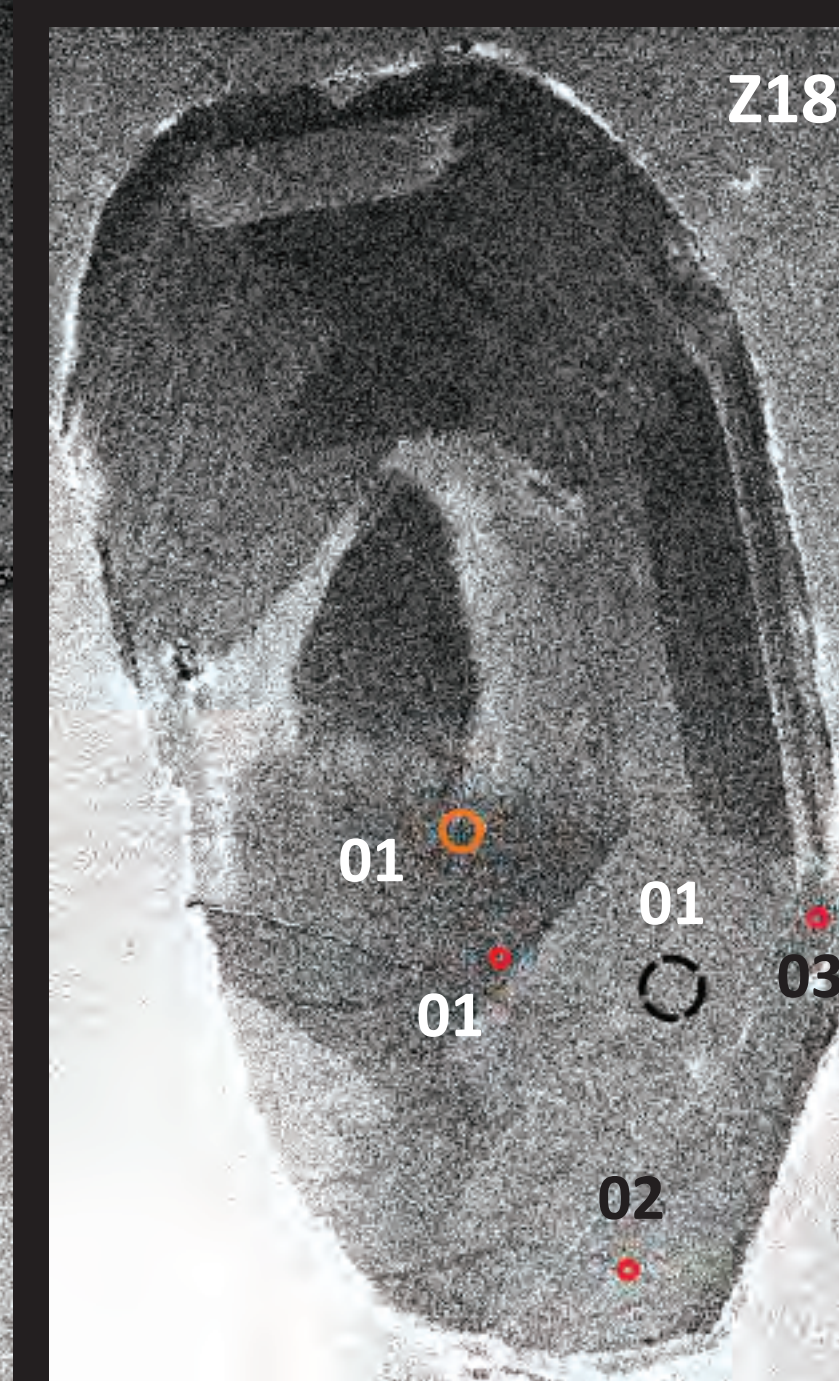
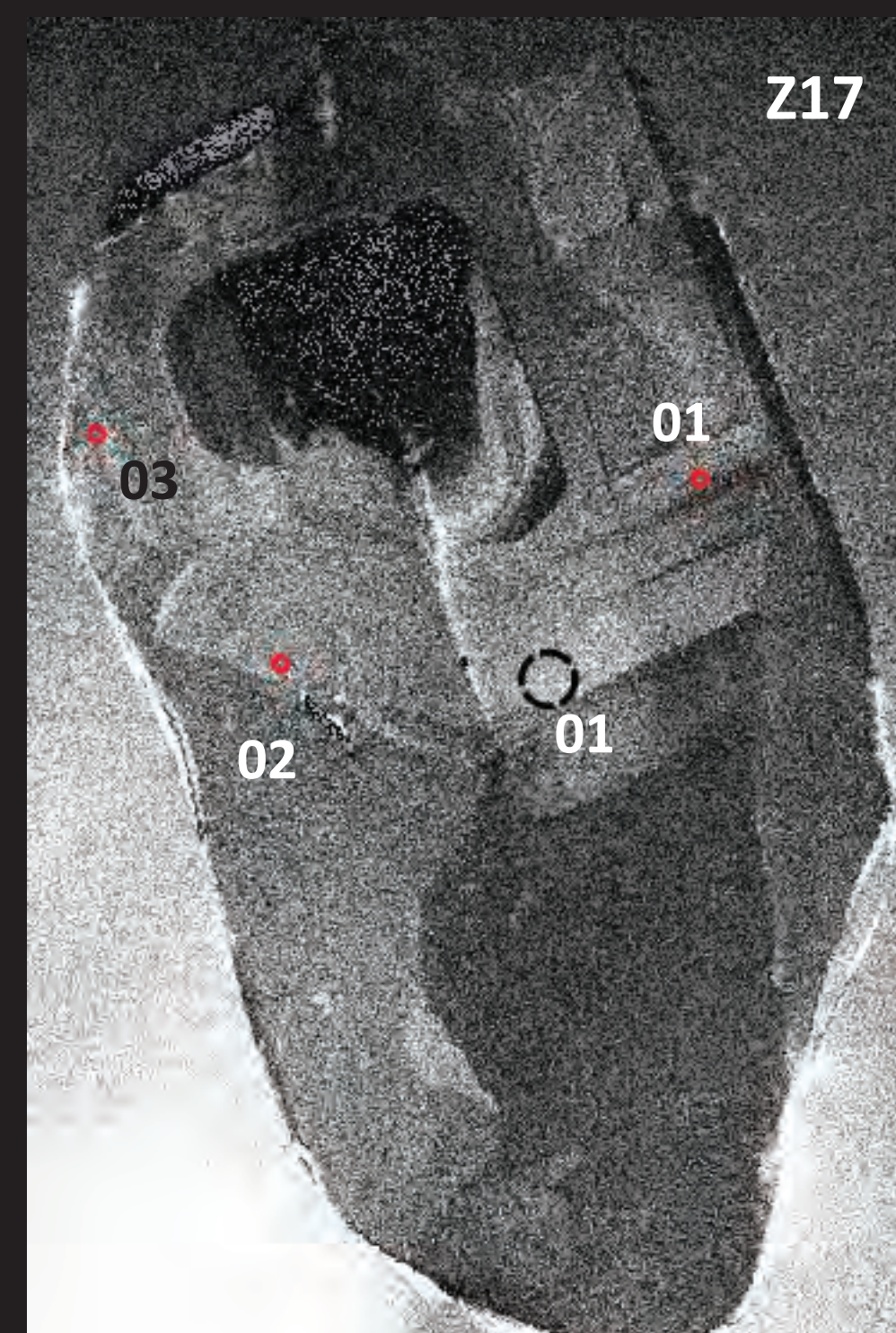
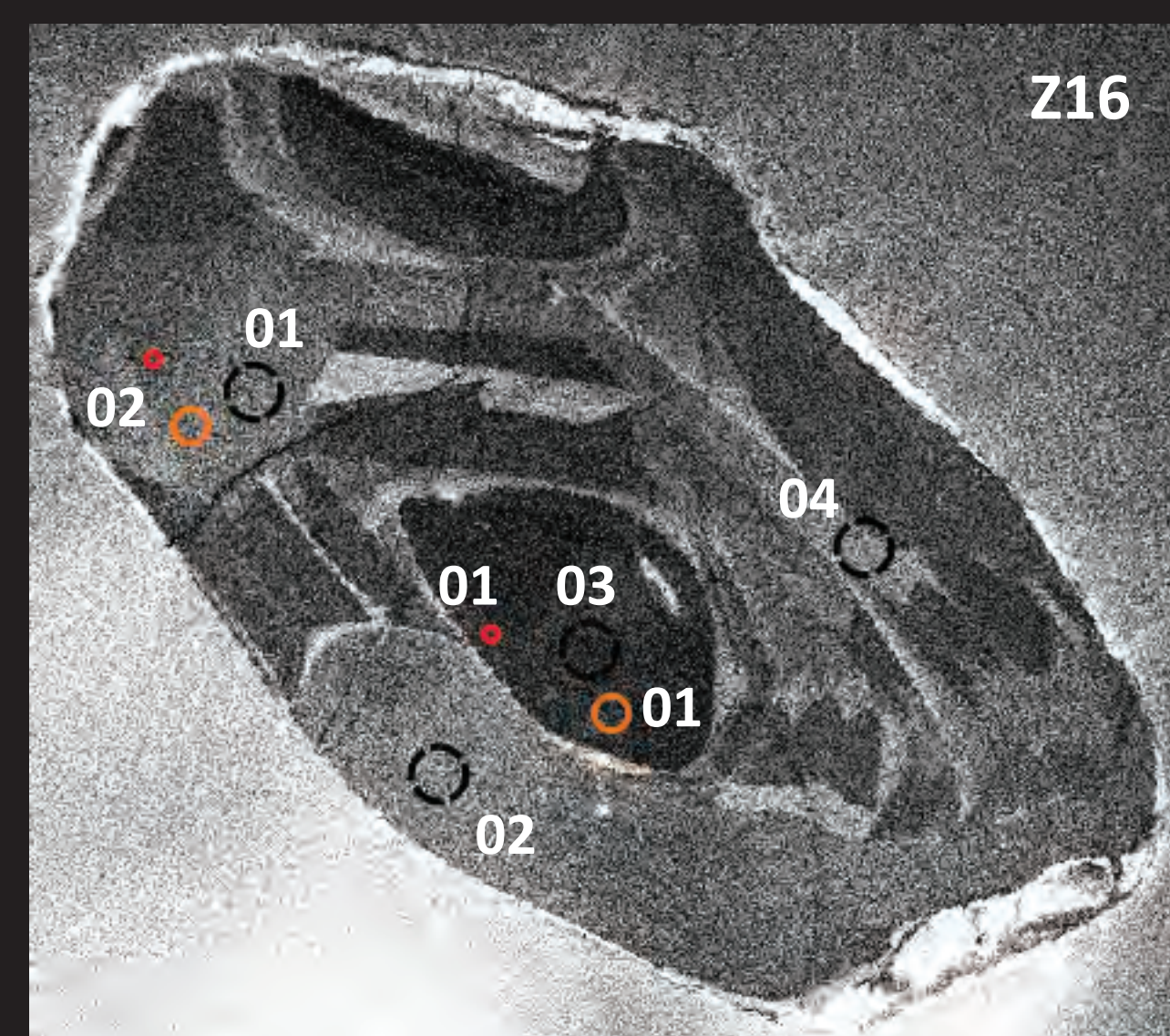
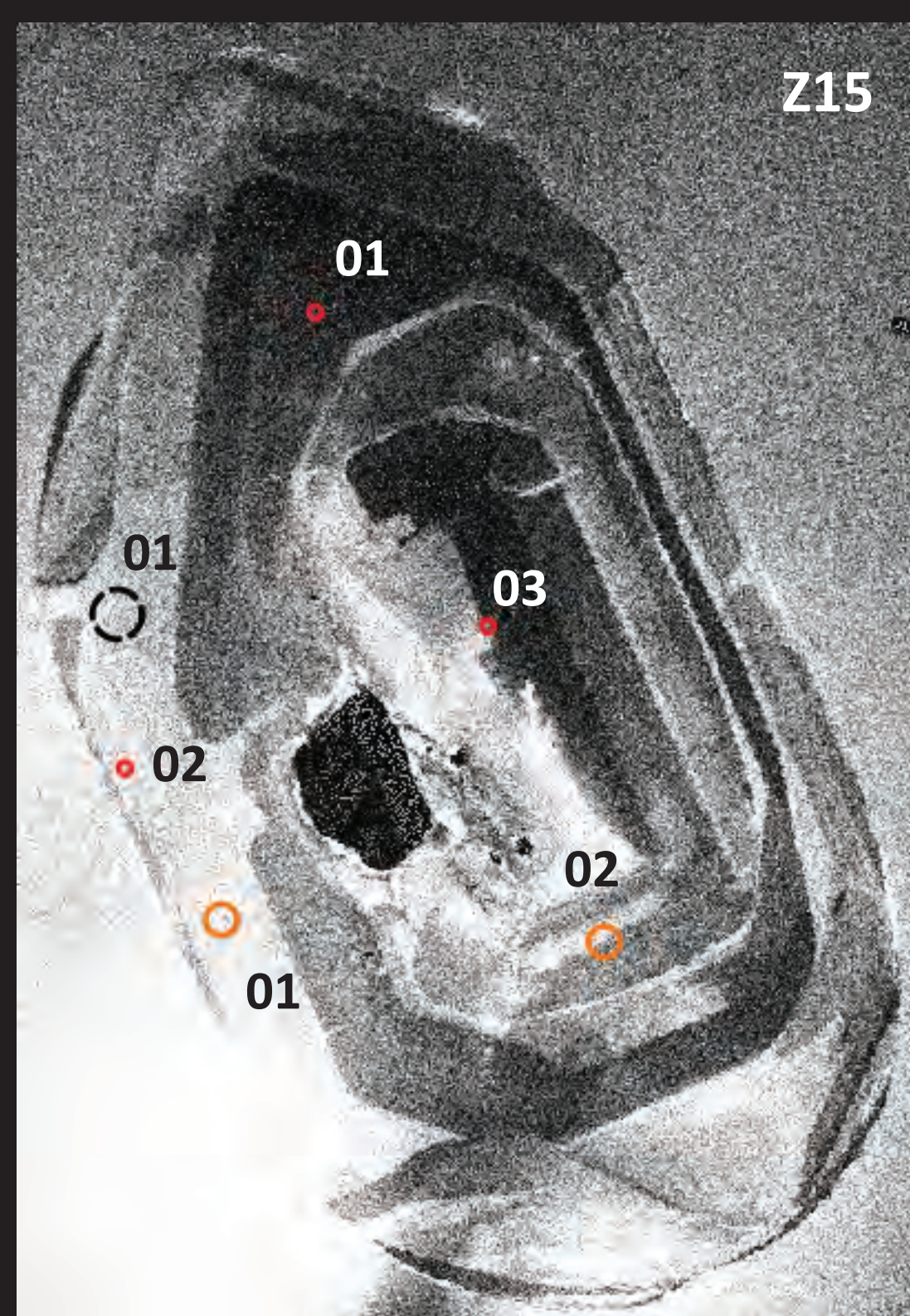
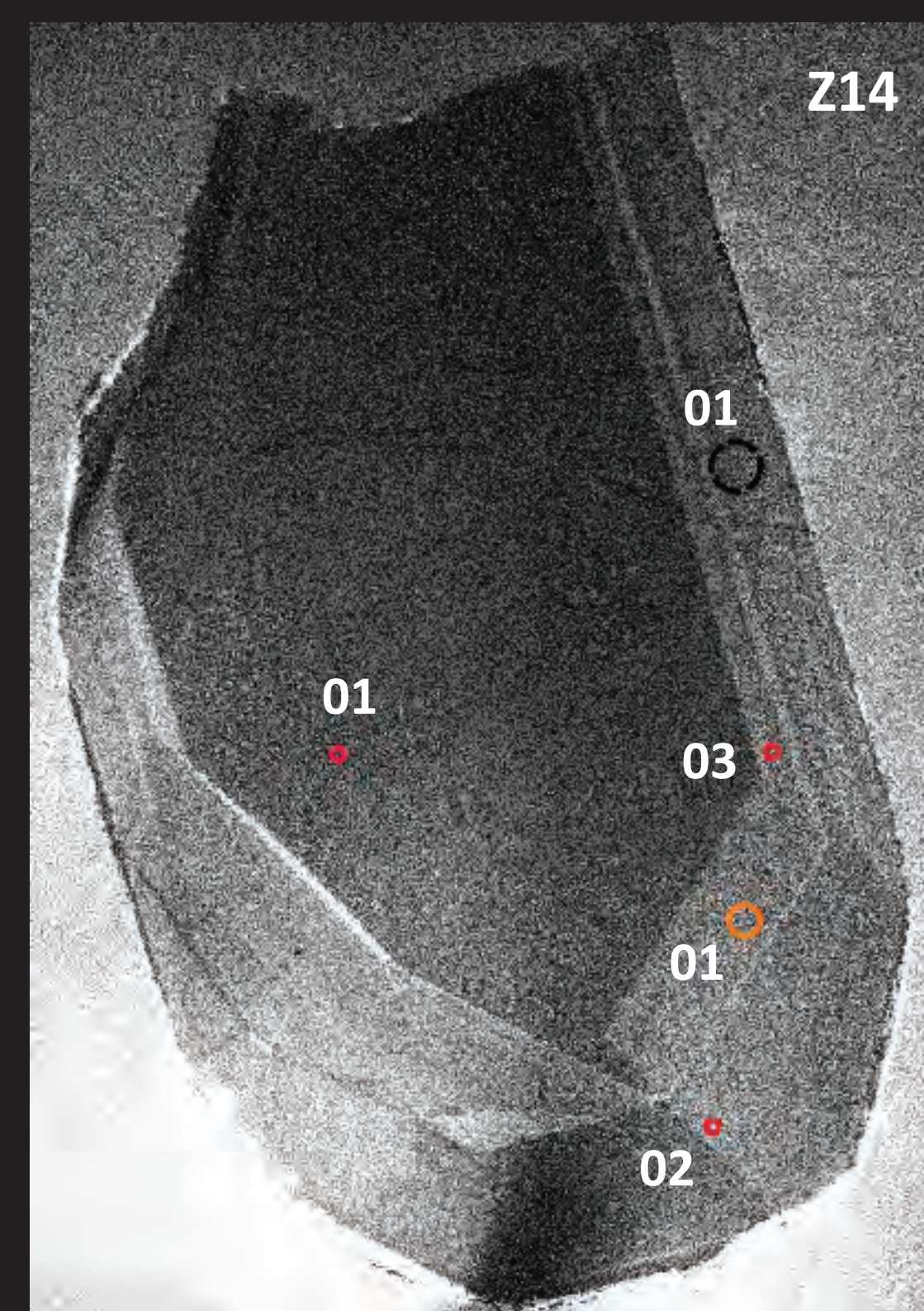
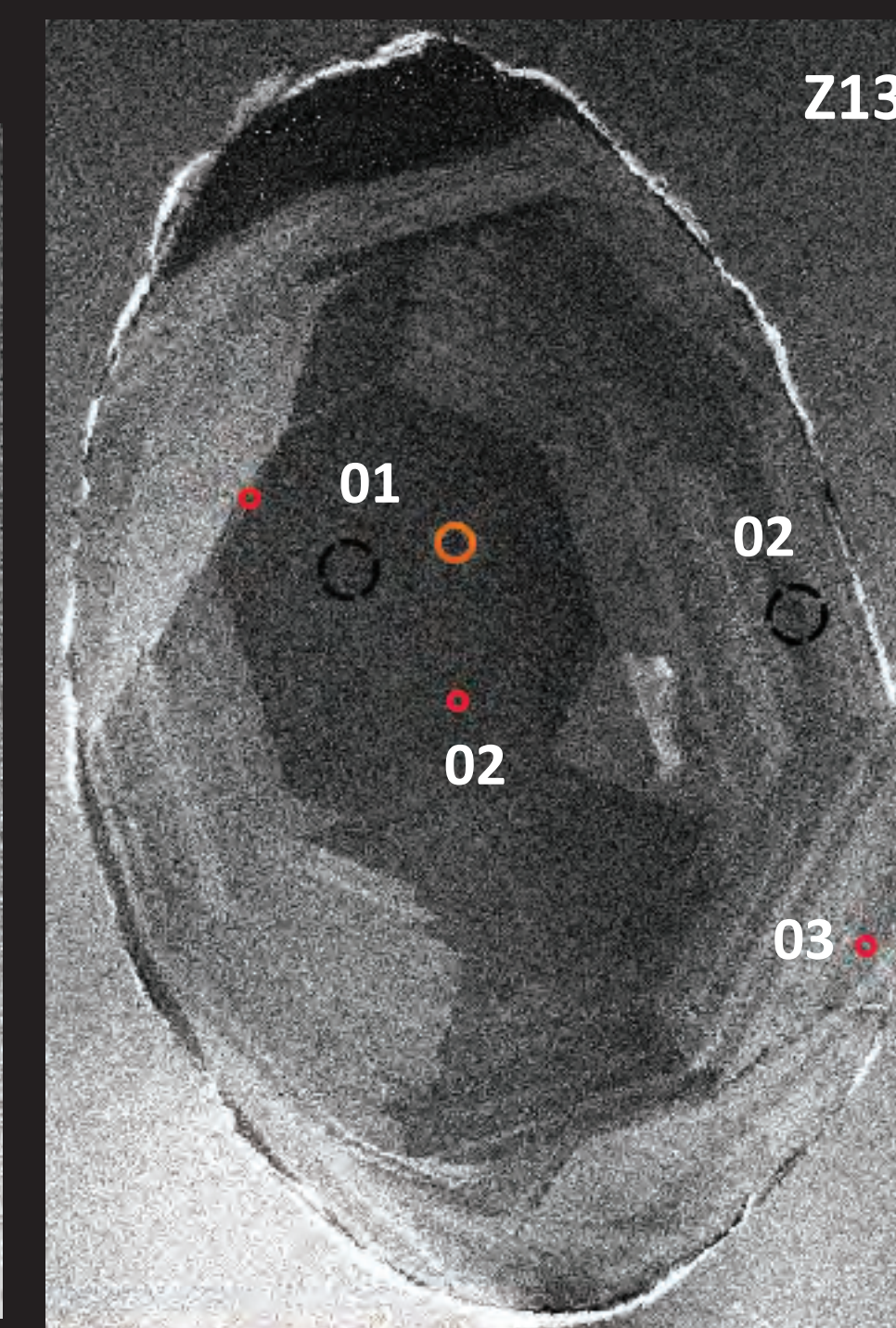
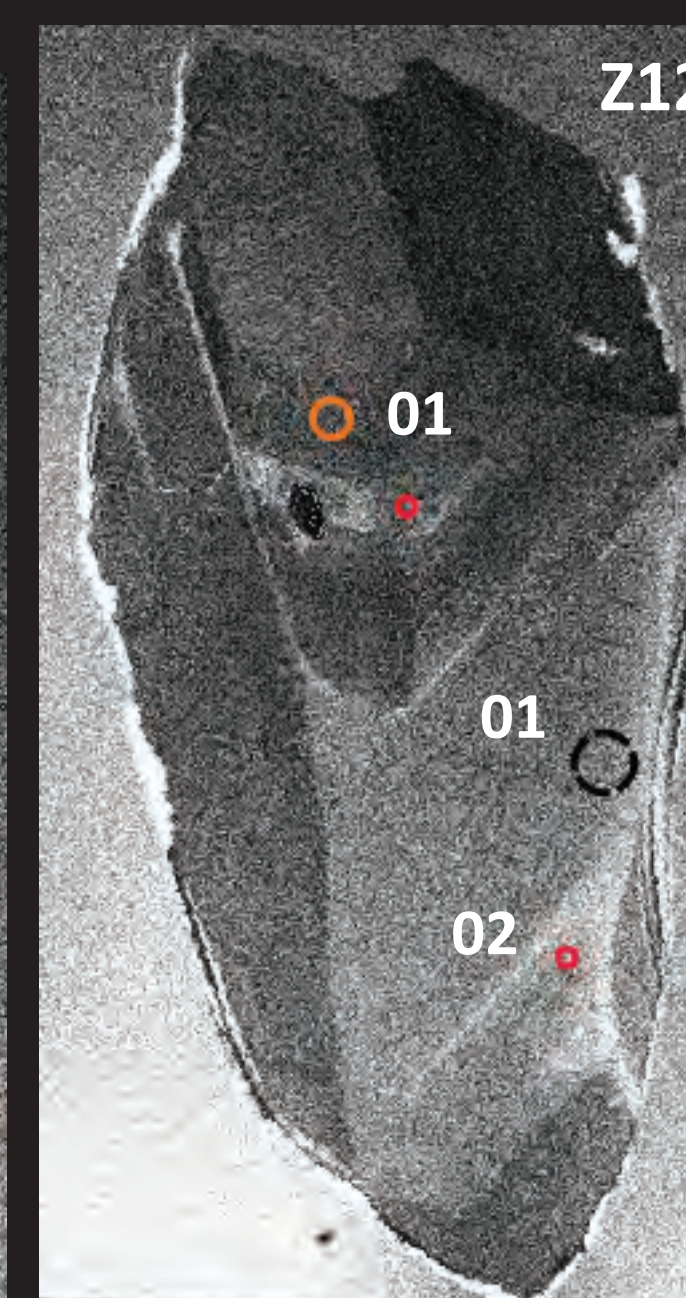
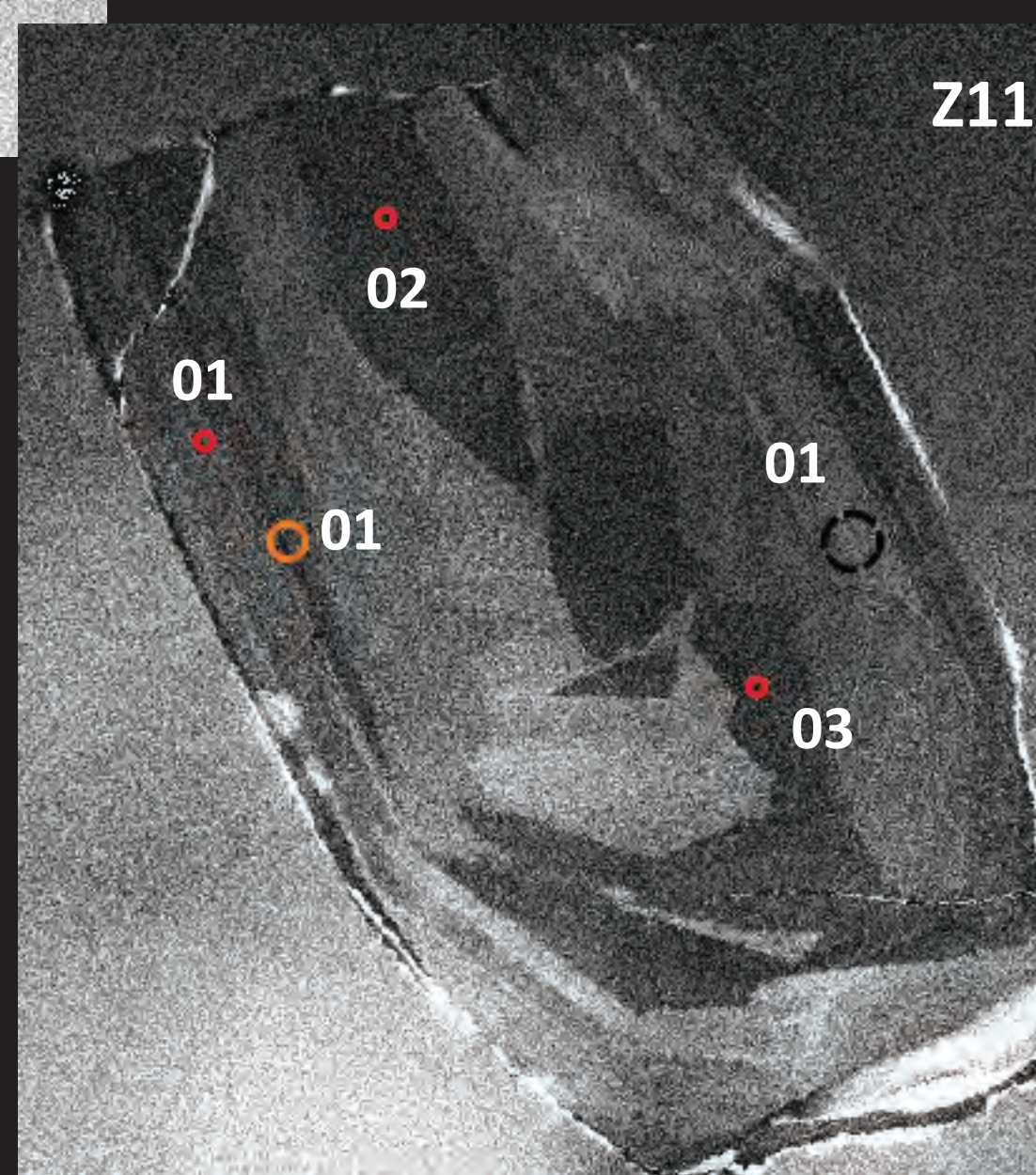
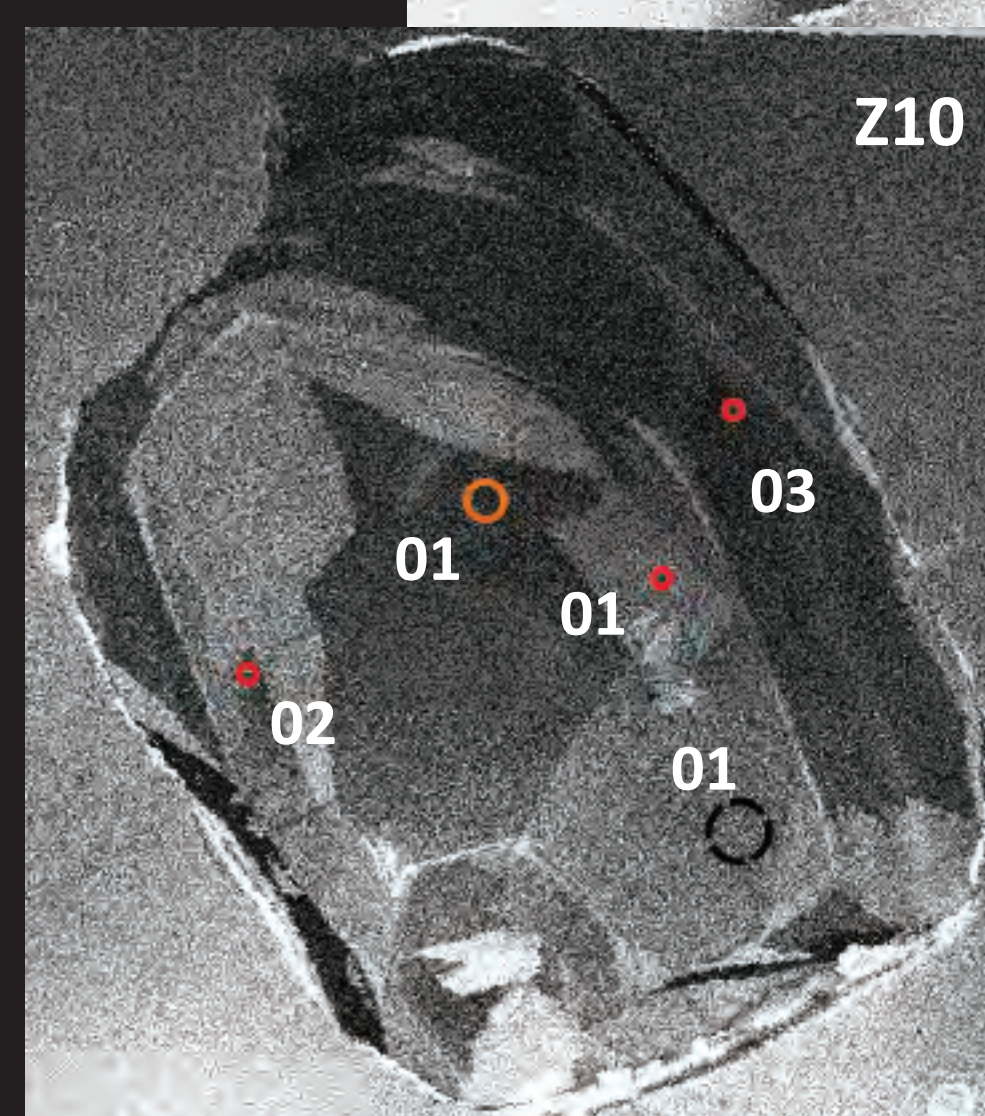
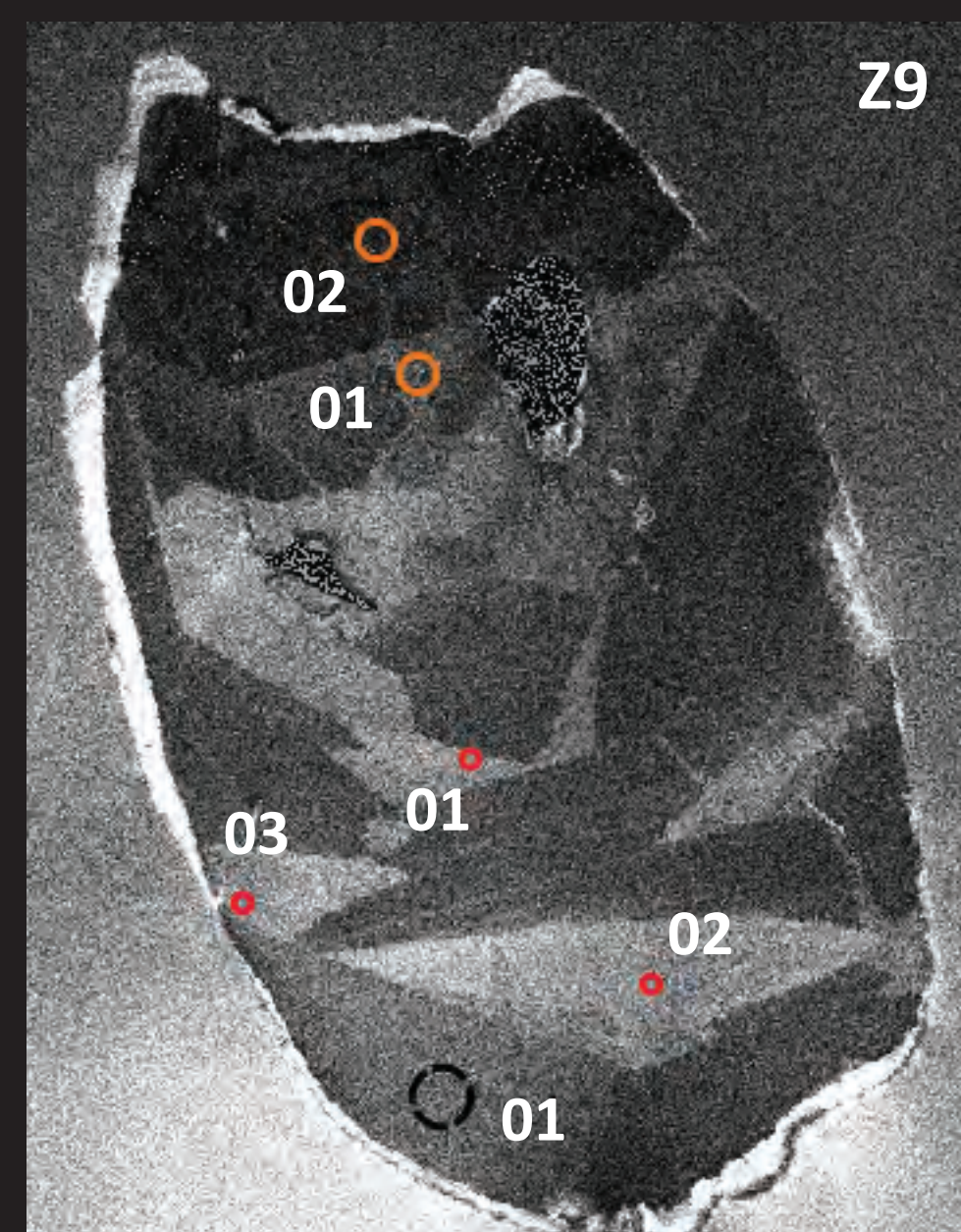
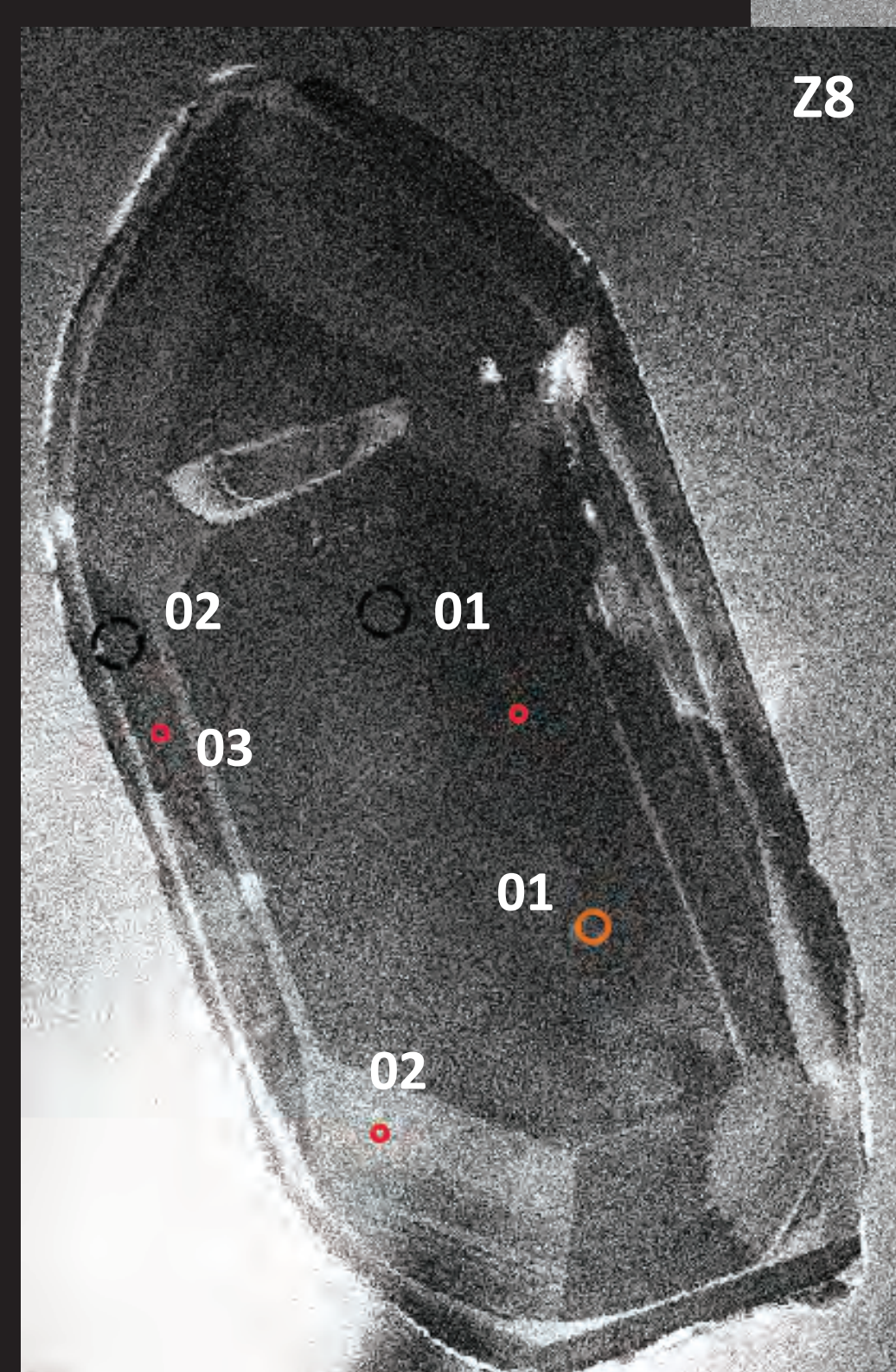
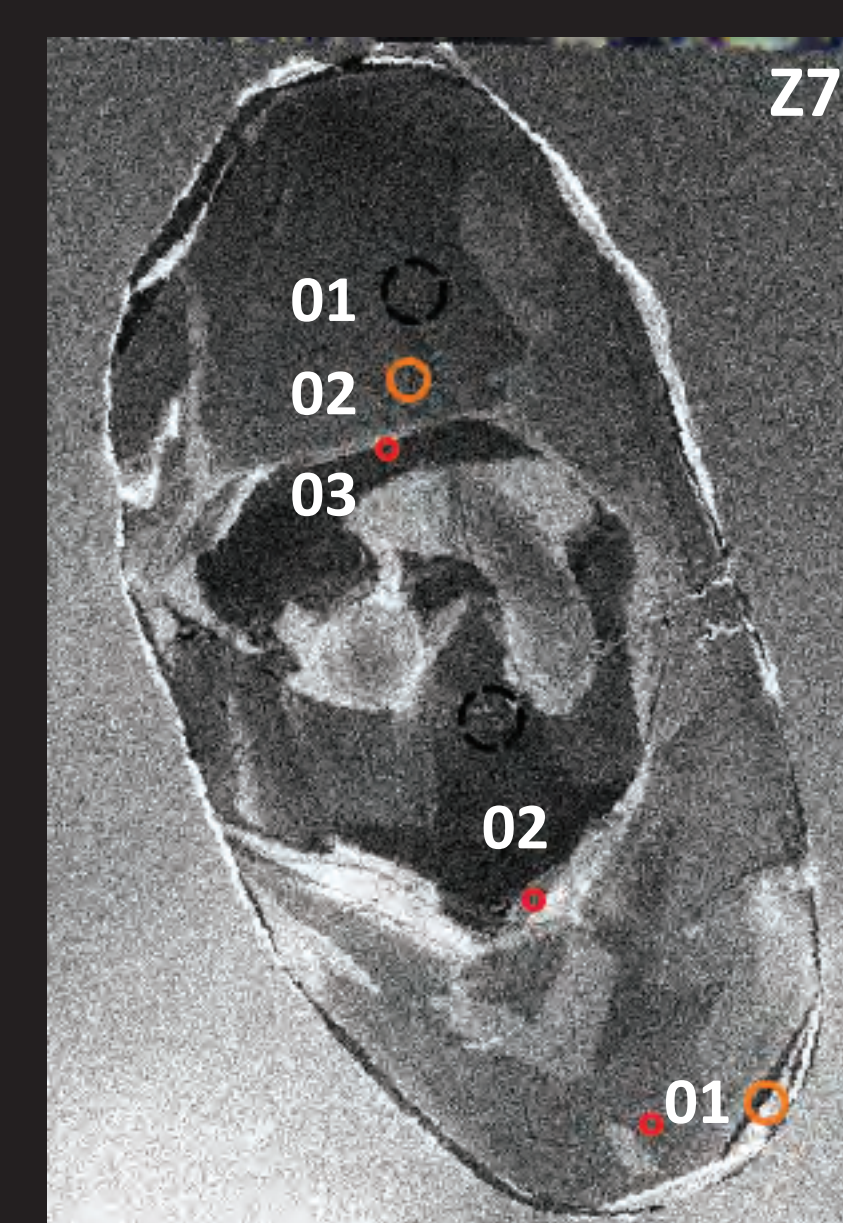
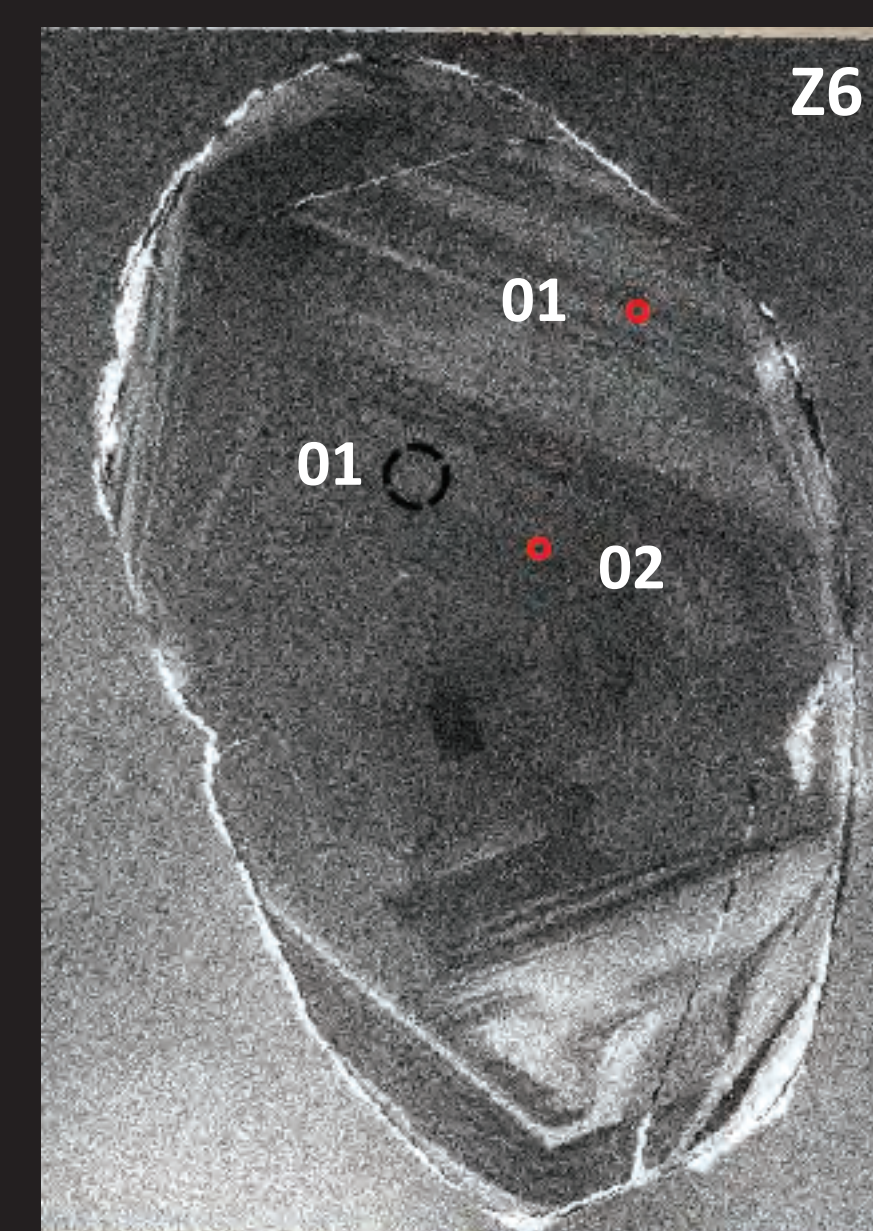
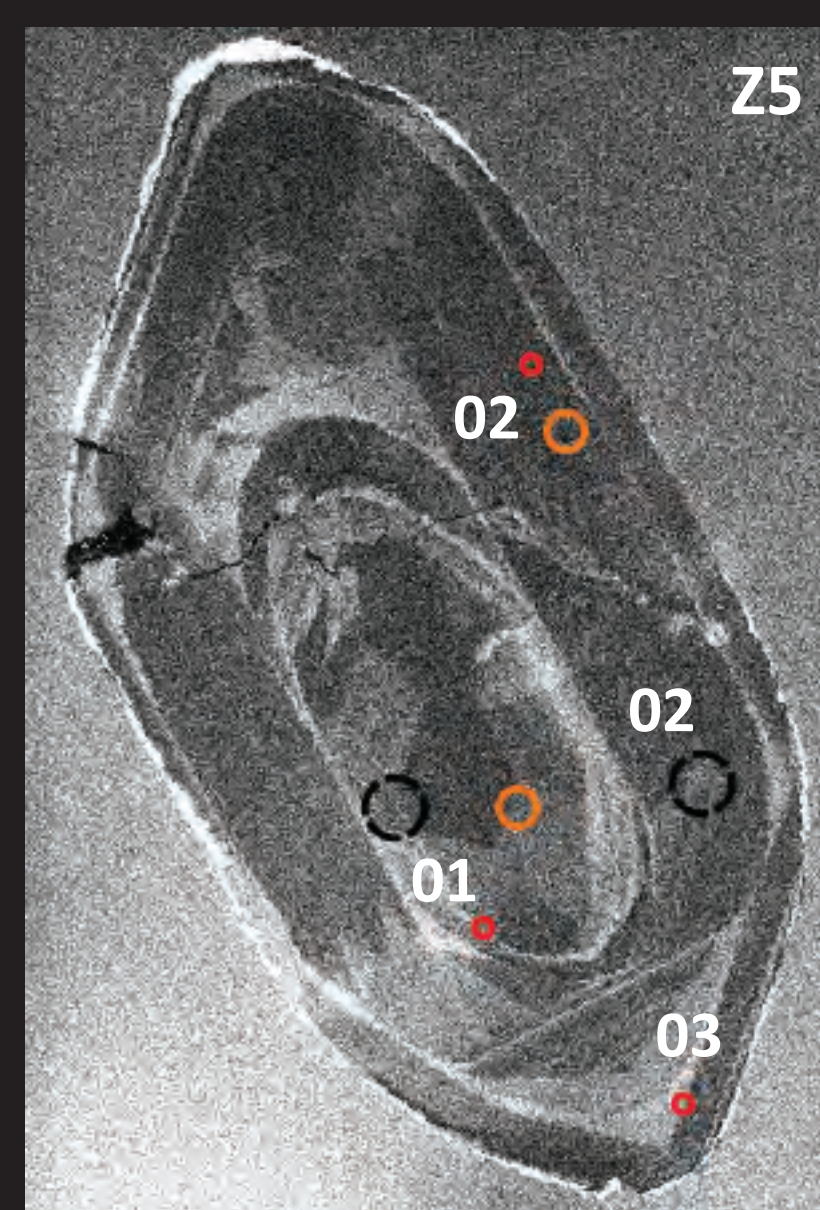
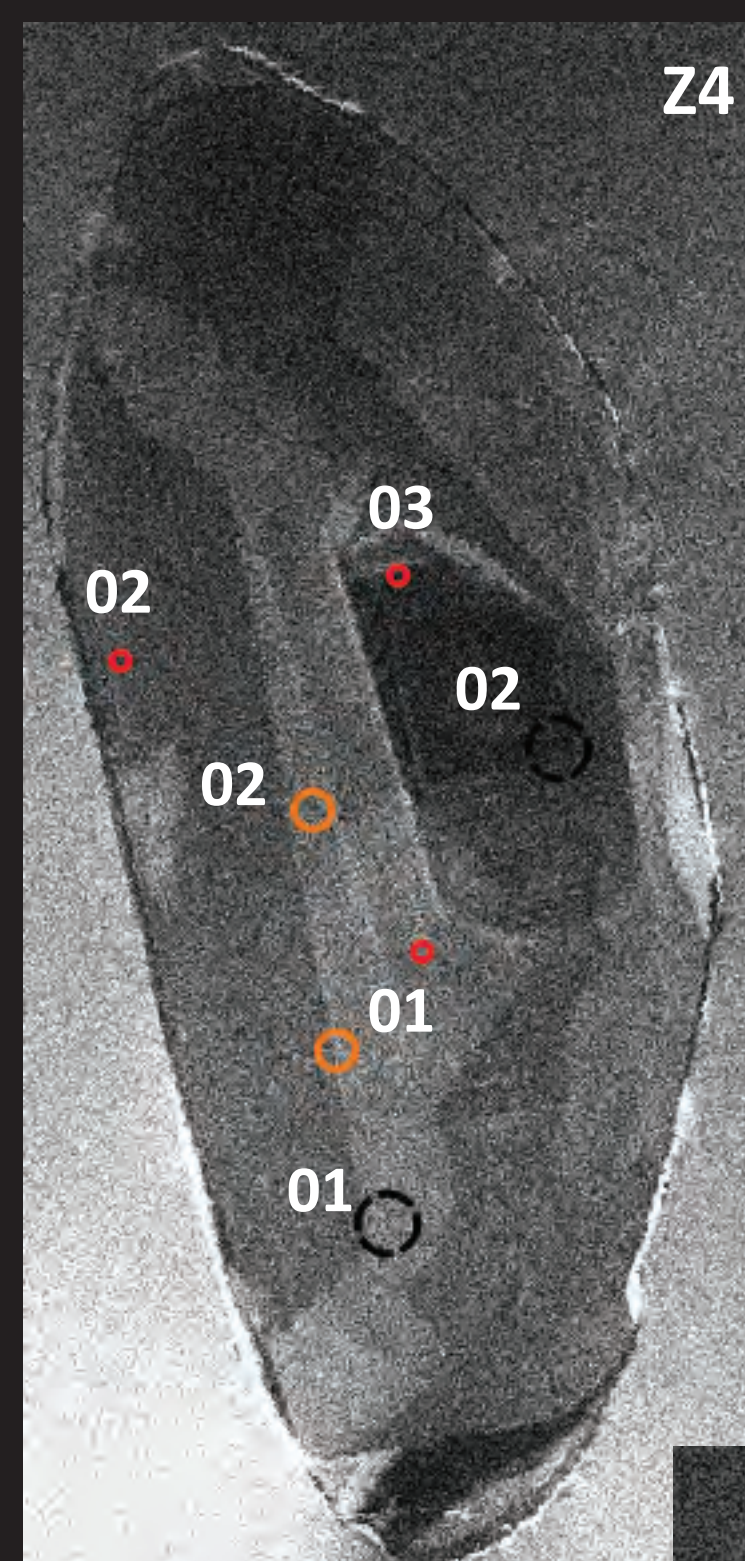
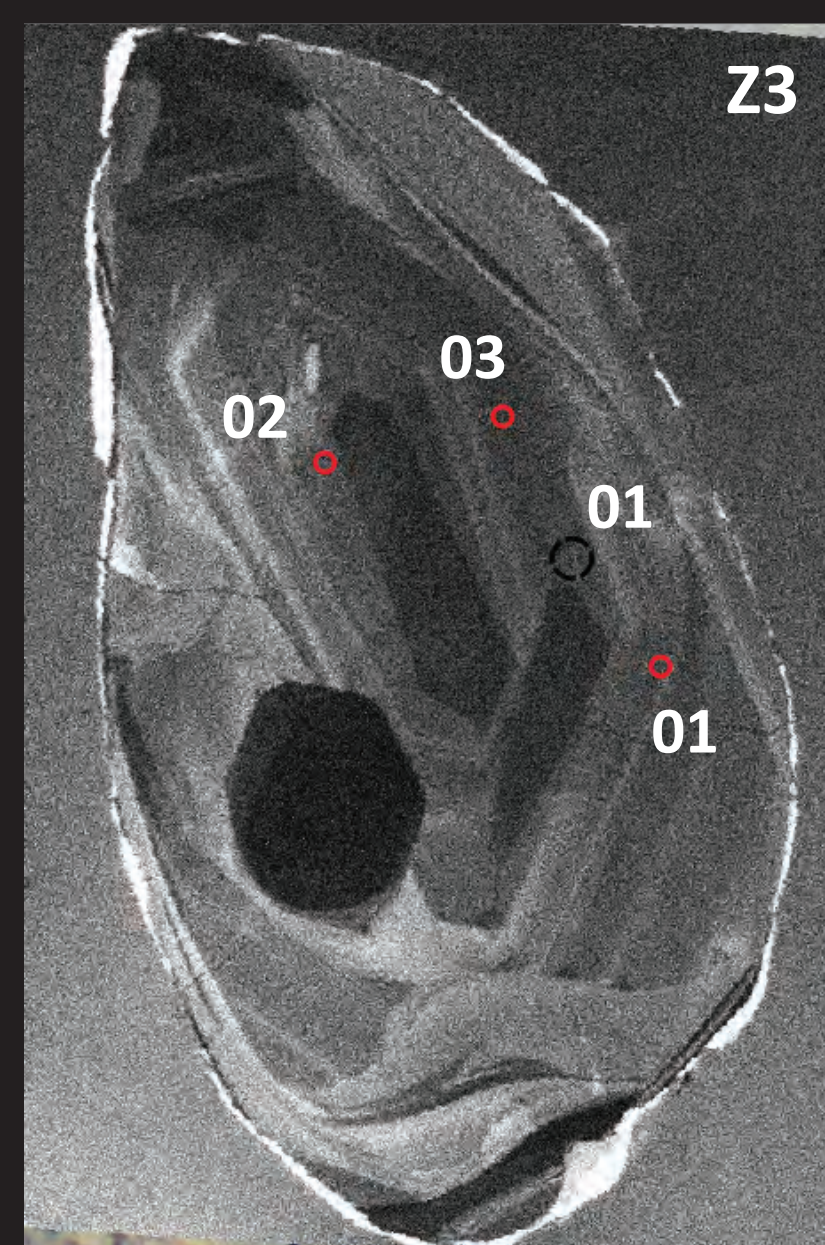
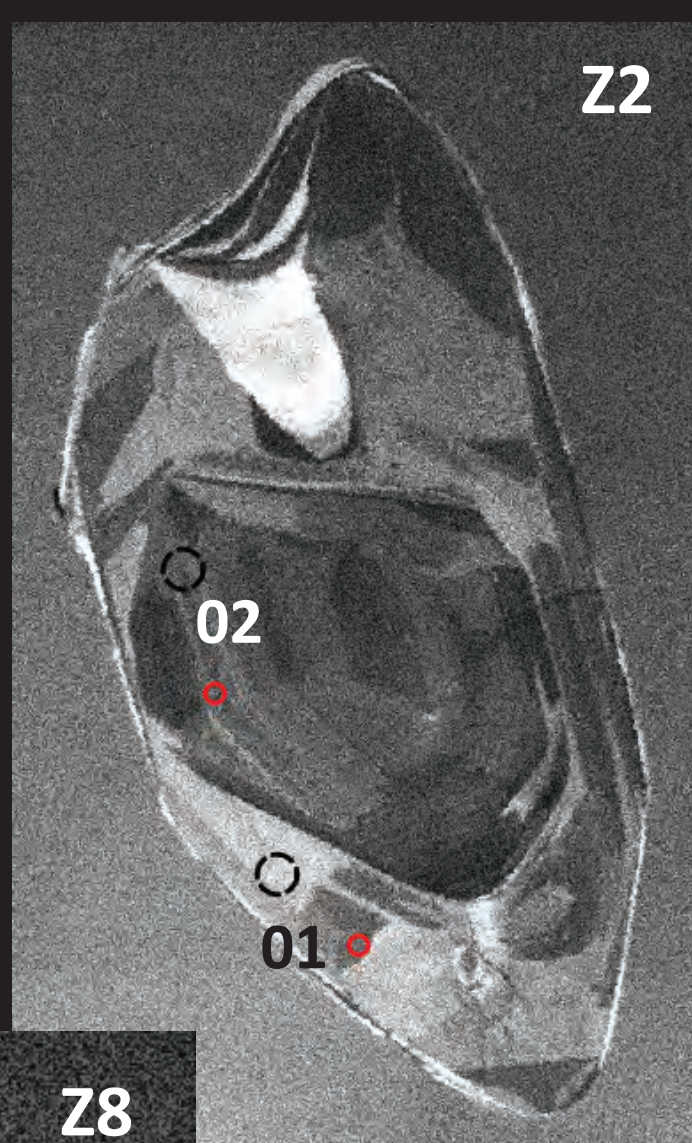
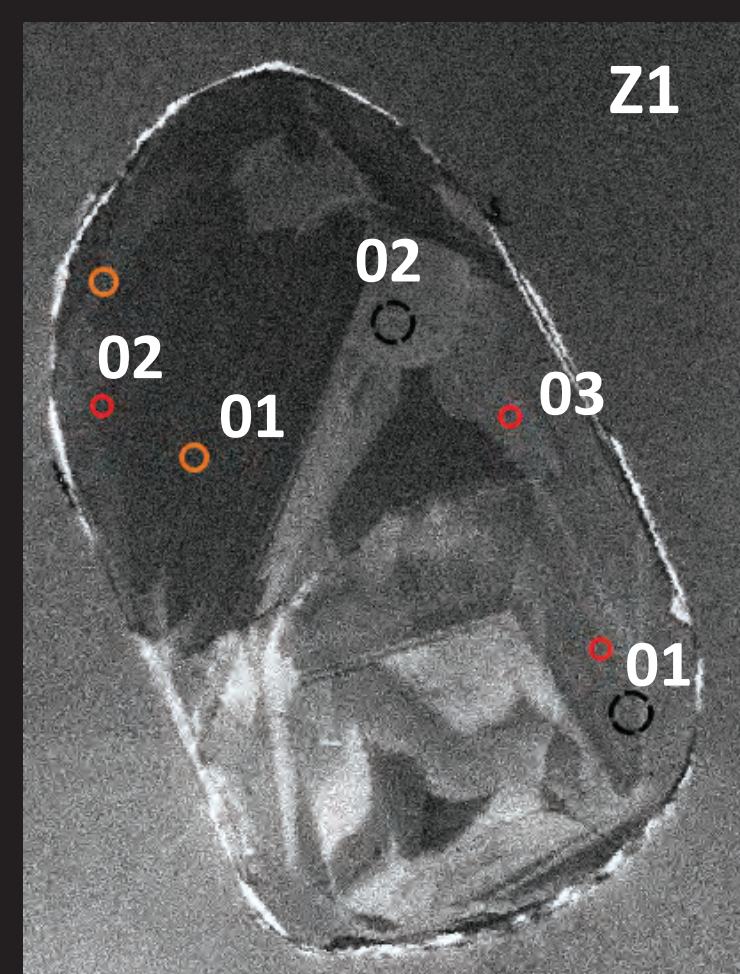
100 μm

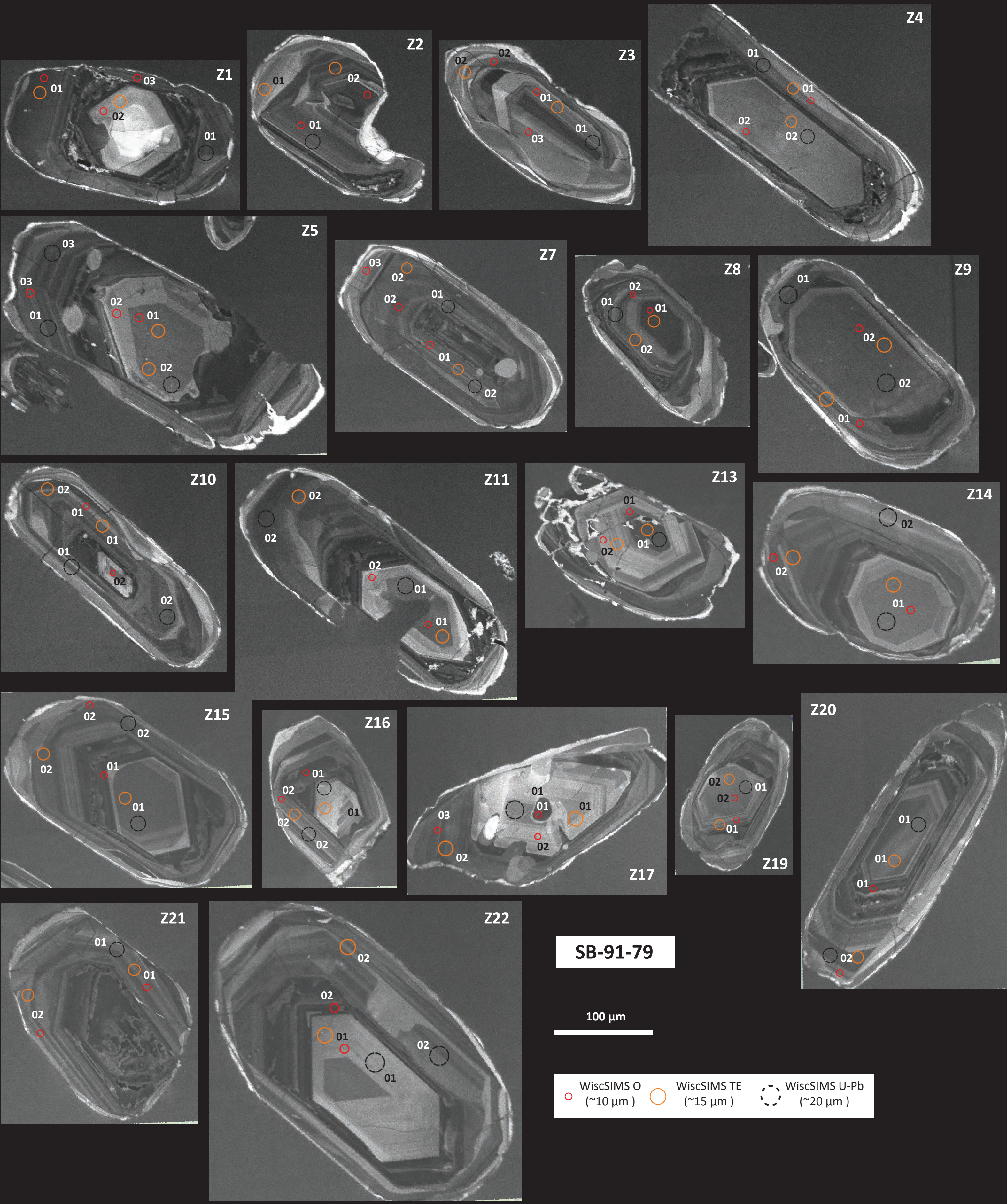
WiscSIMS O
(~10 μm)

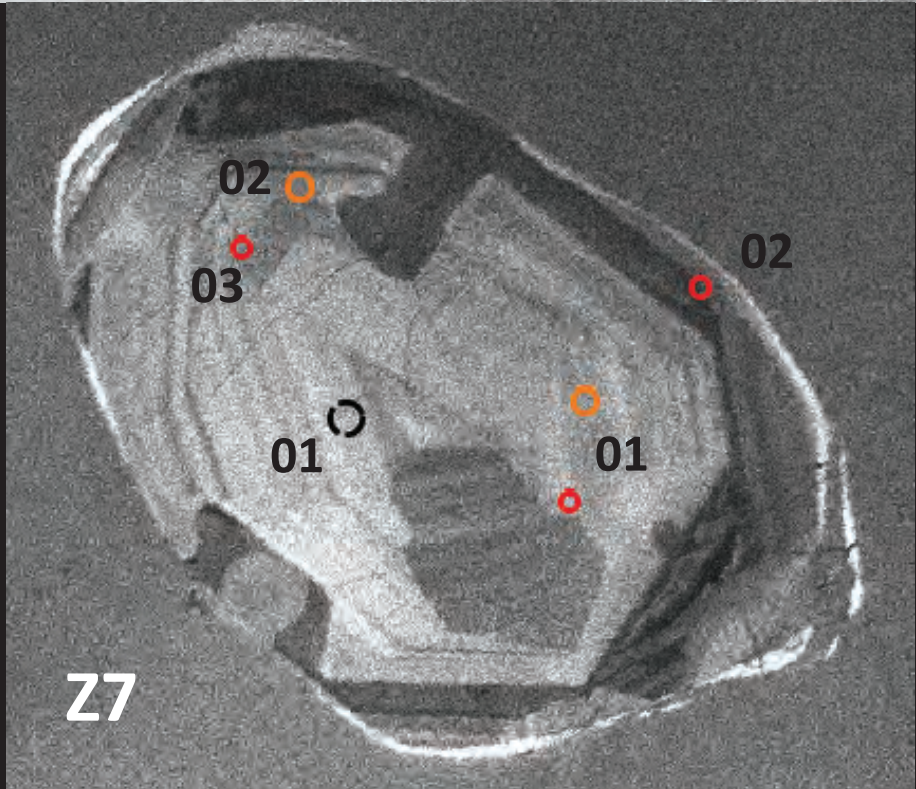
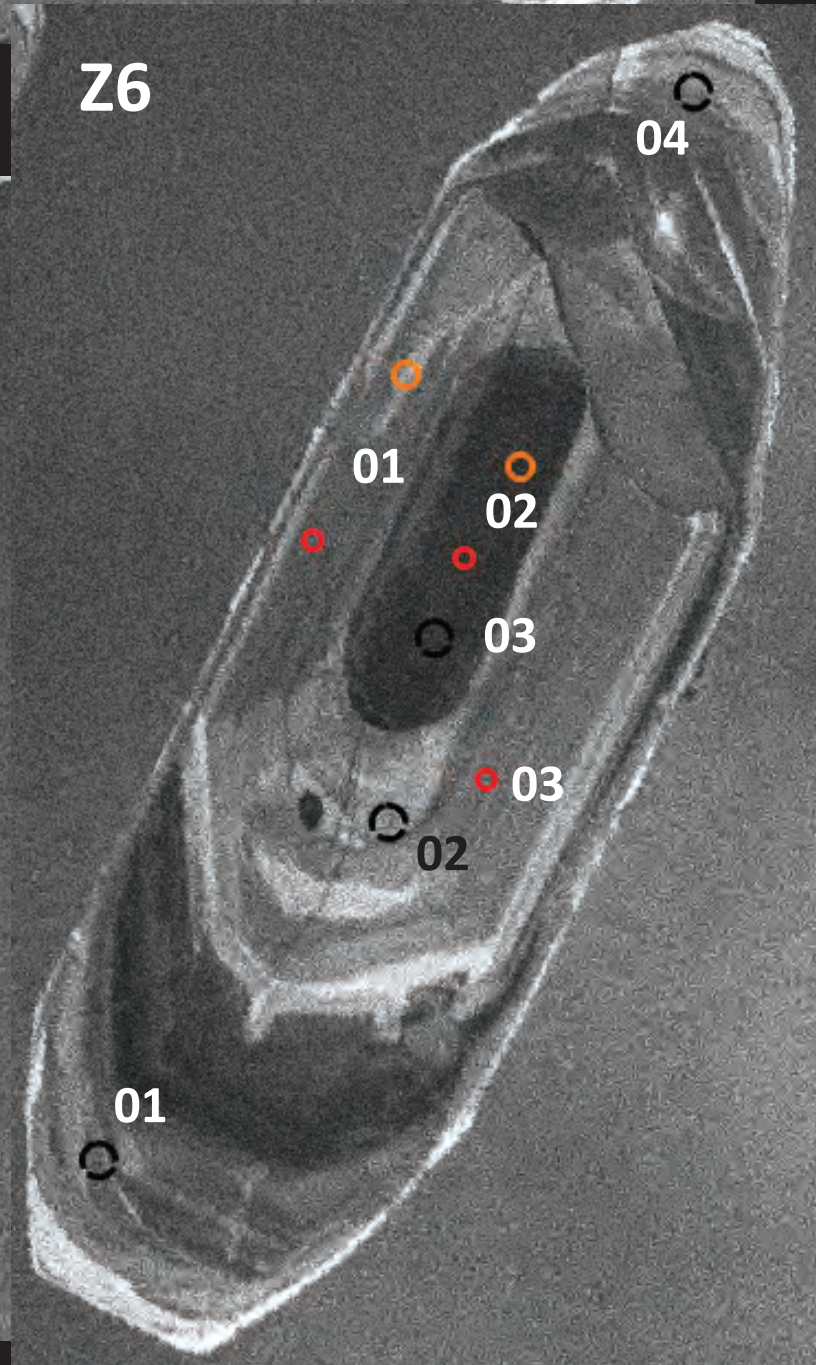
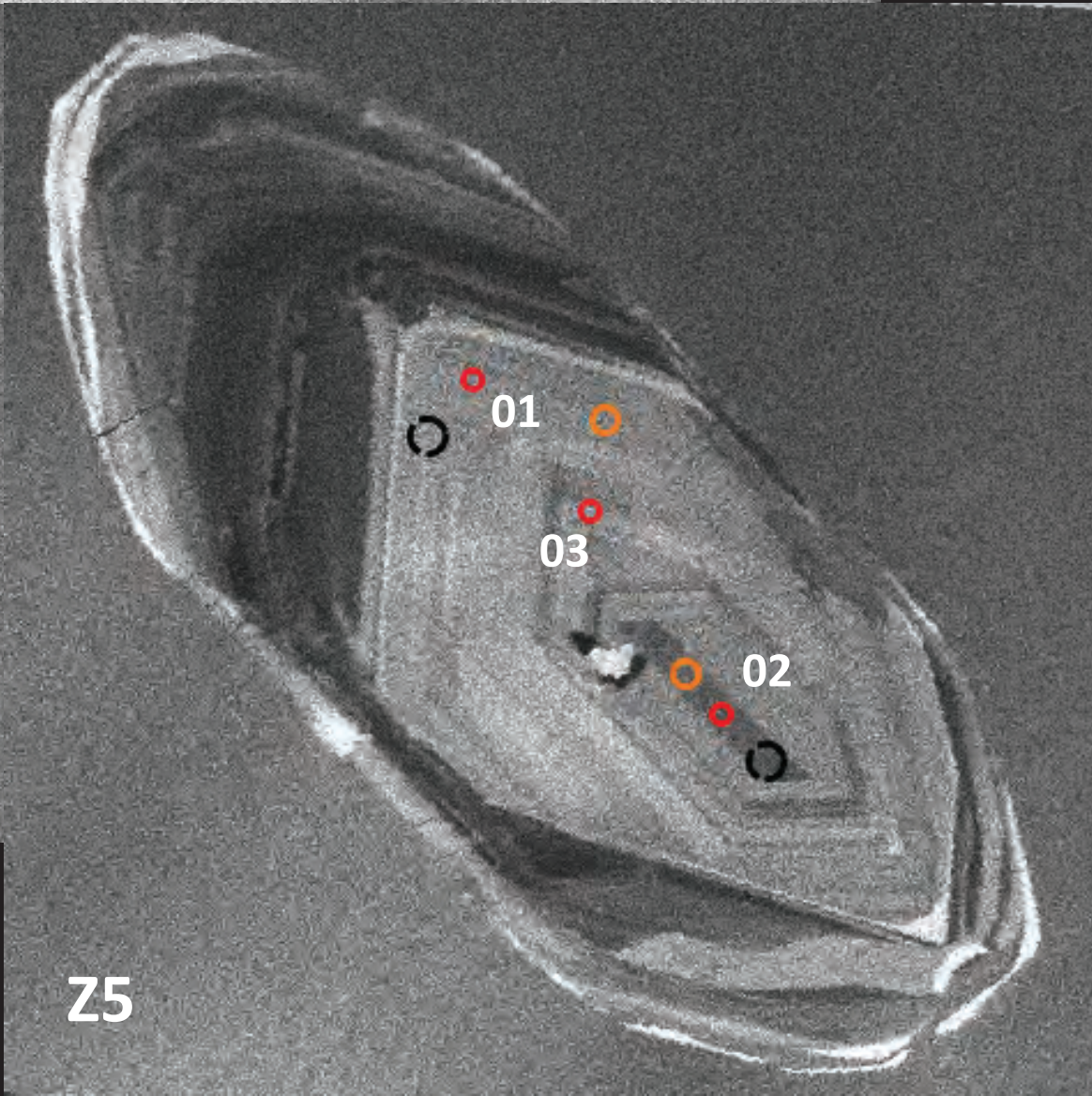
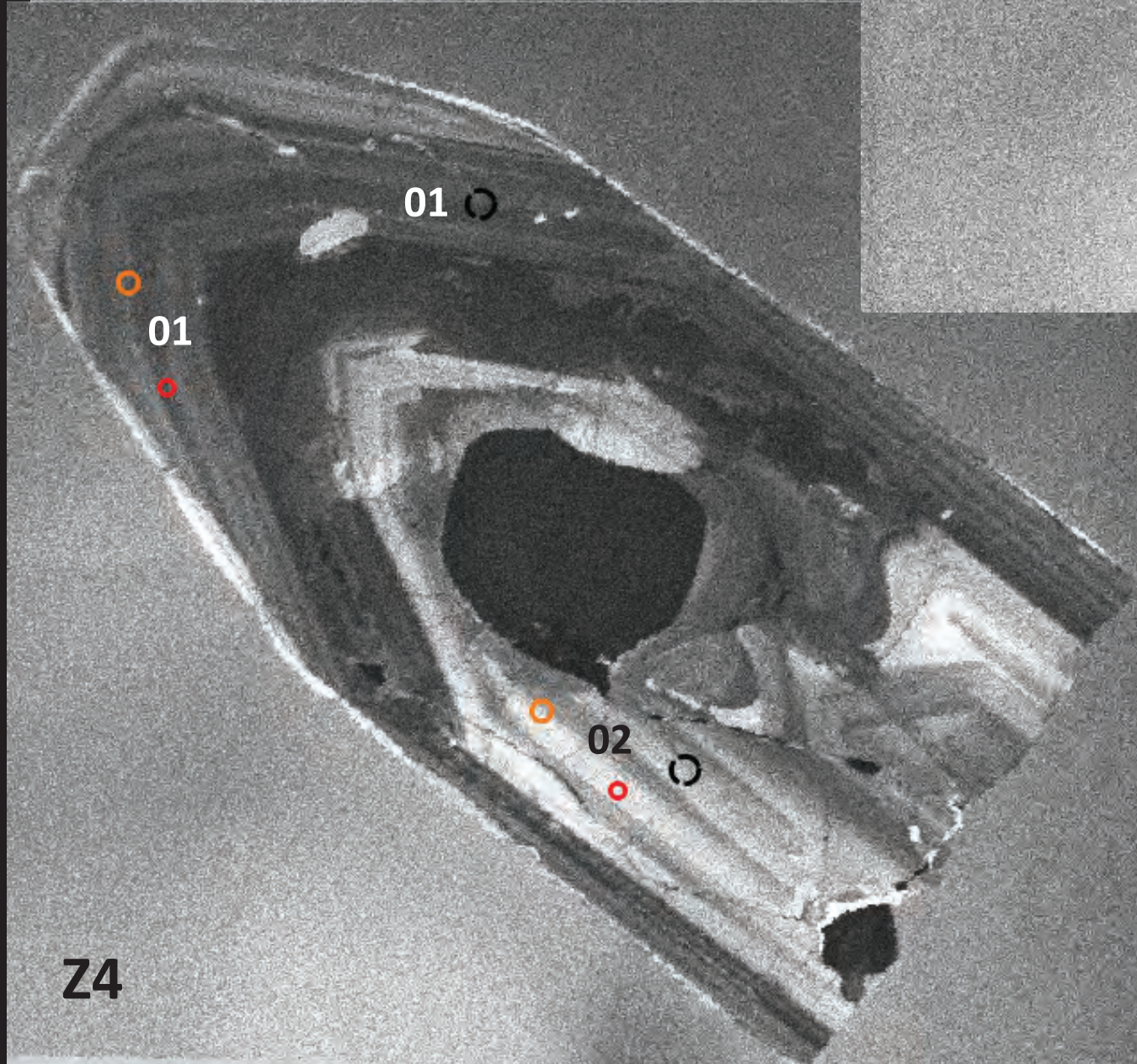
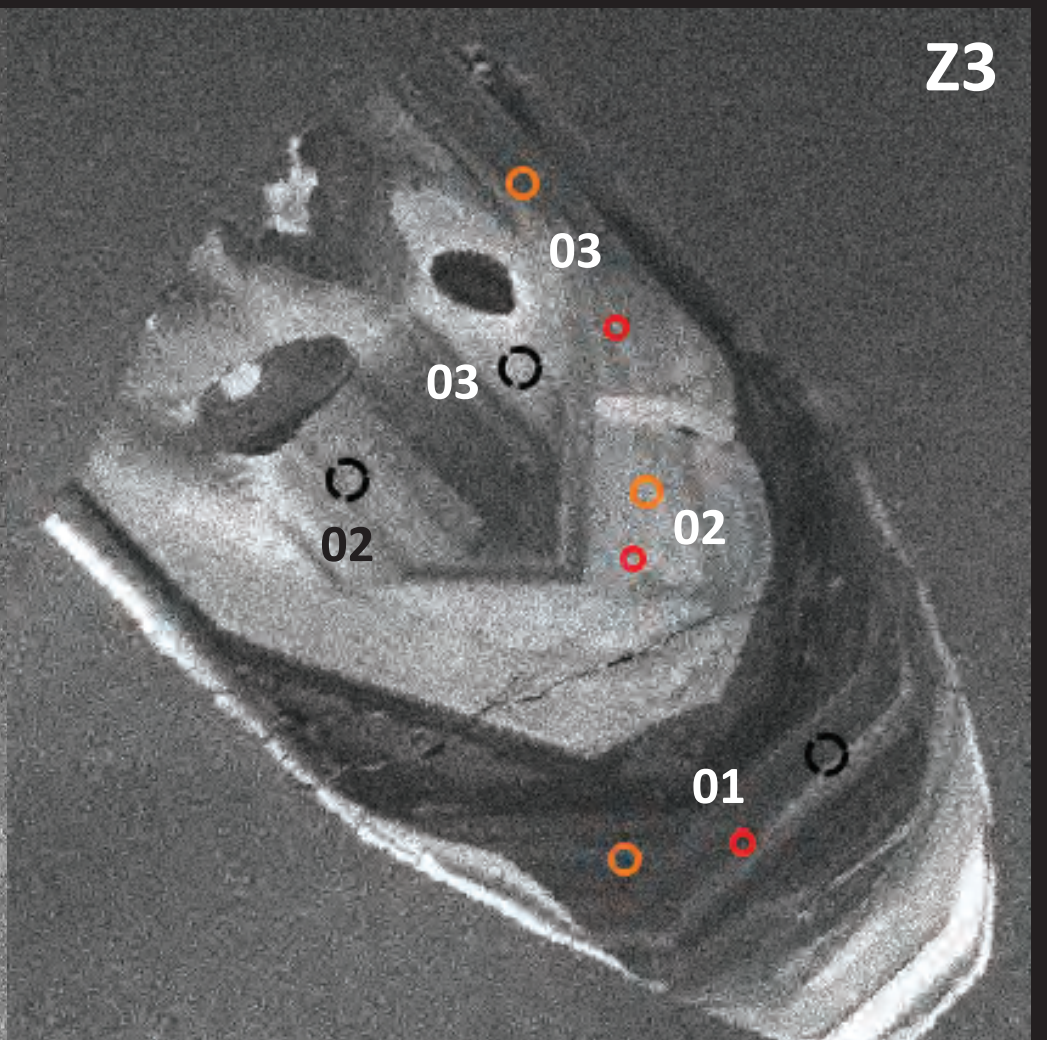
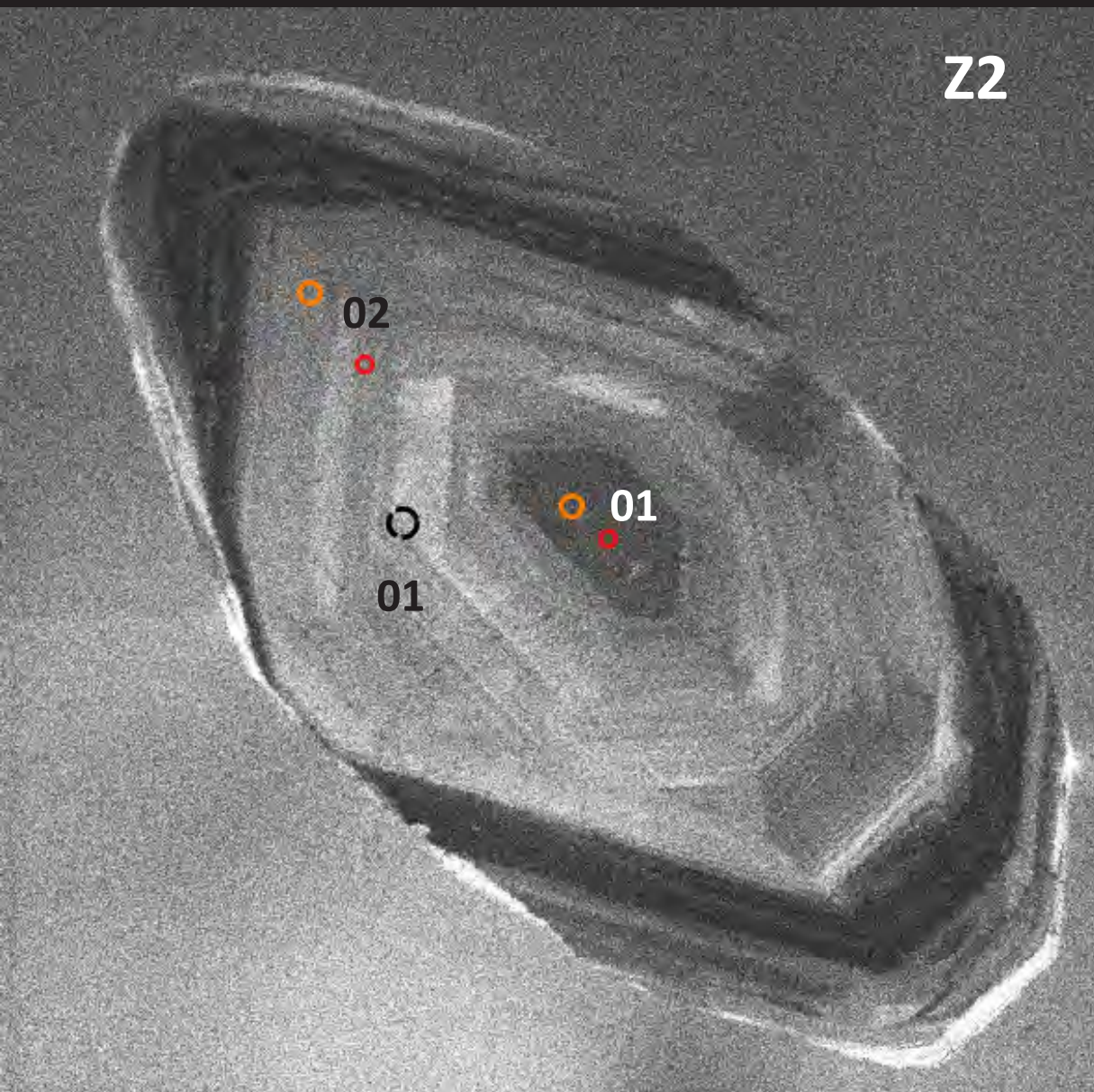
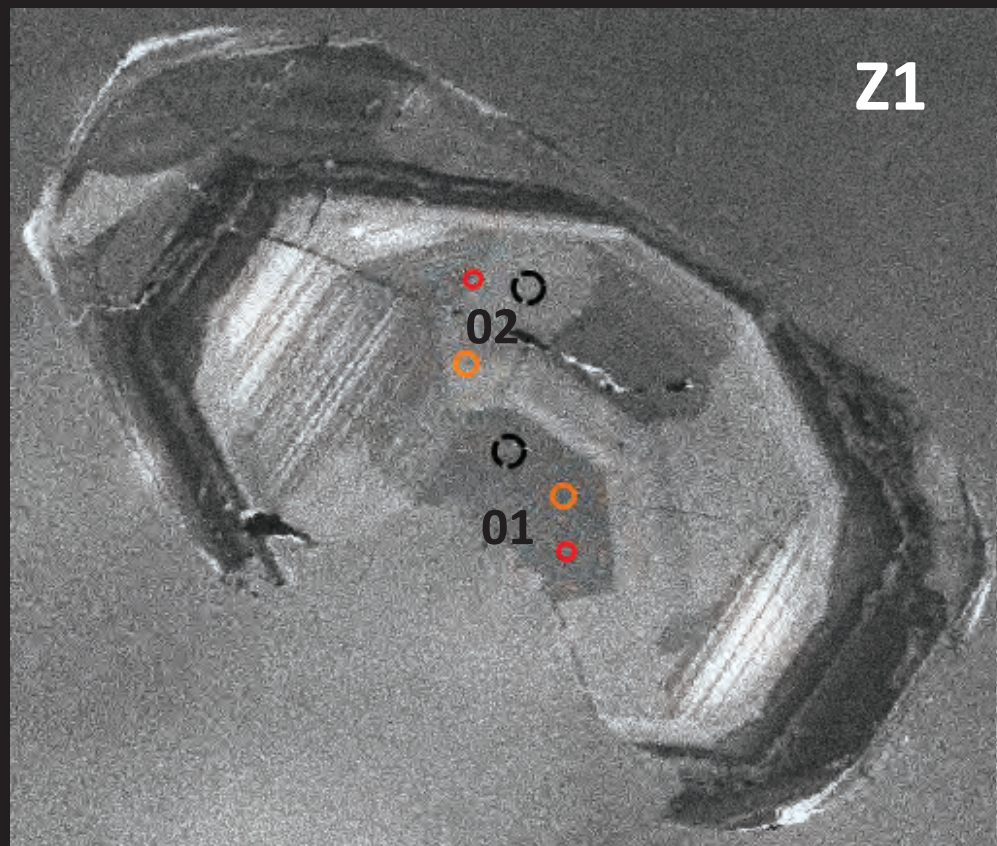
WiscSIMS TE
(~15 μm)

WiscSIMS U-Pb
(~20 μm)









SB-91-79 (lg grains)

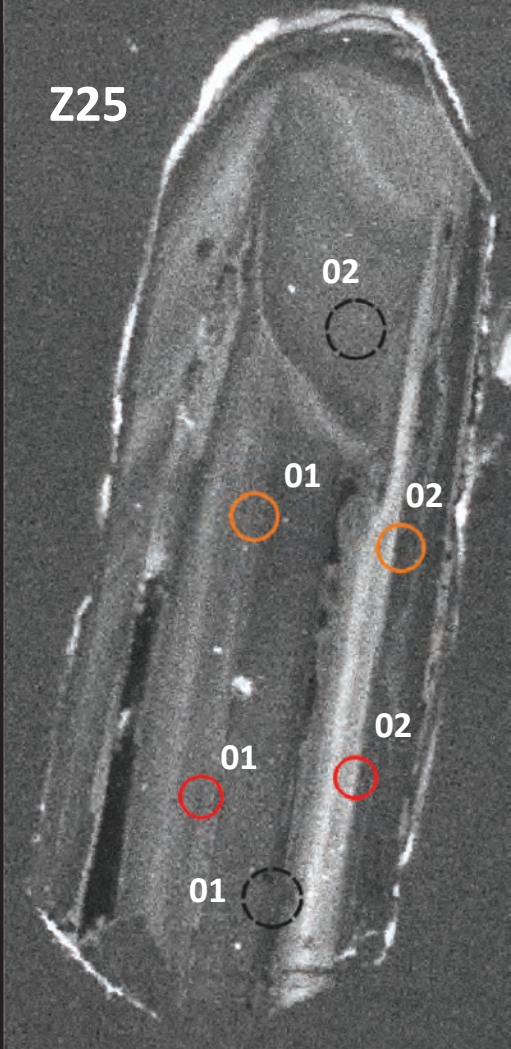
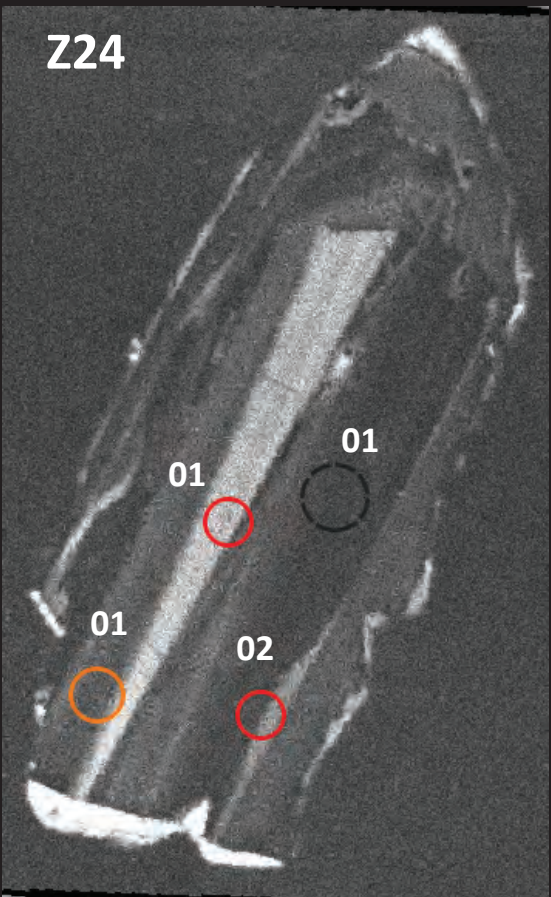
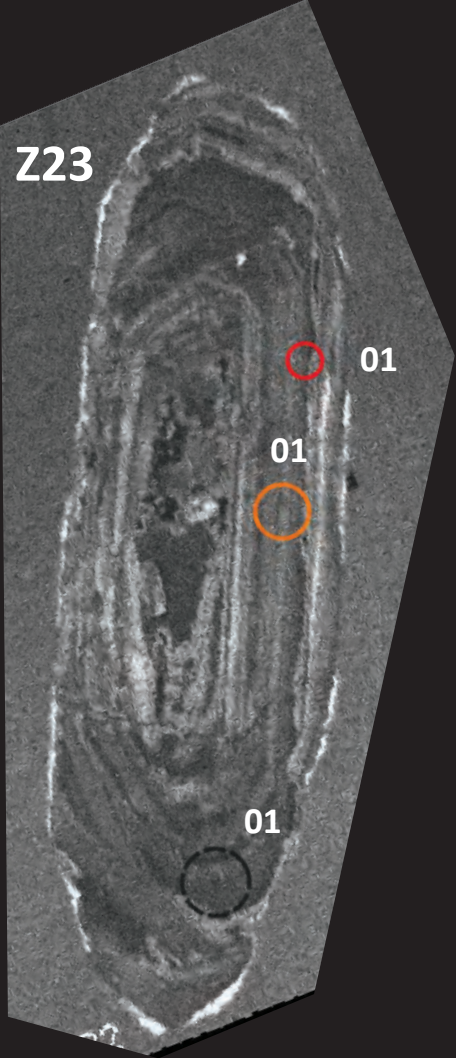
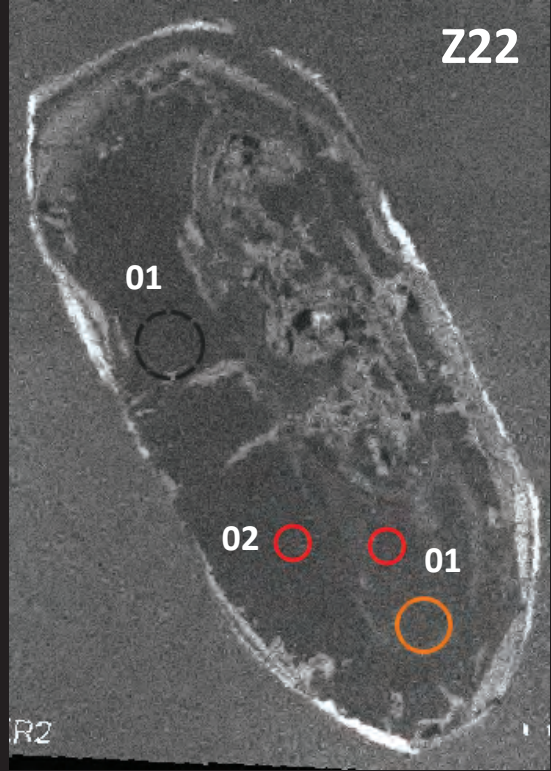
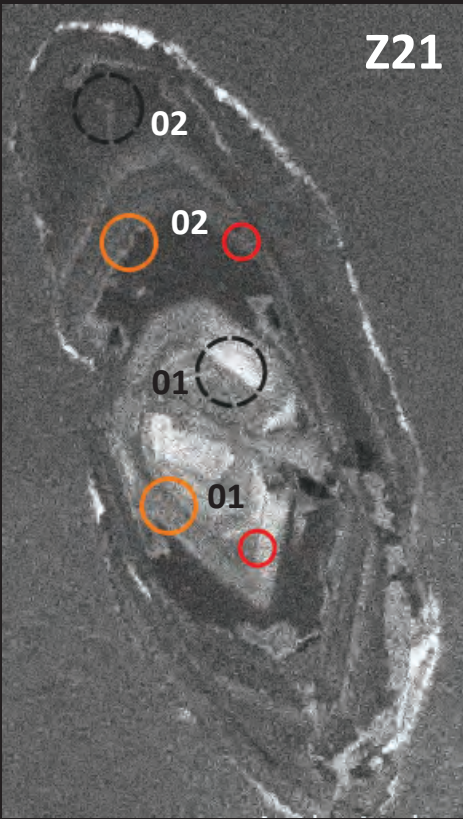
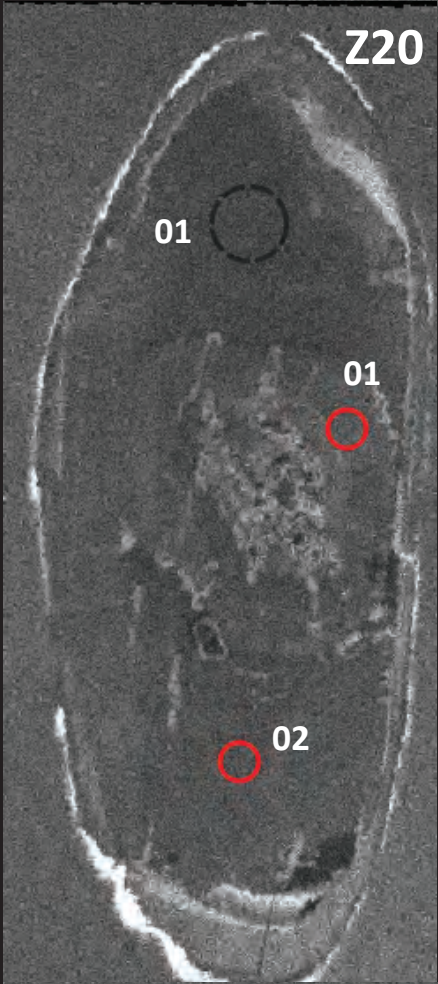
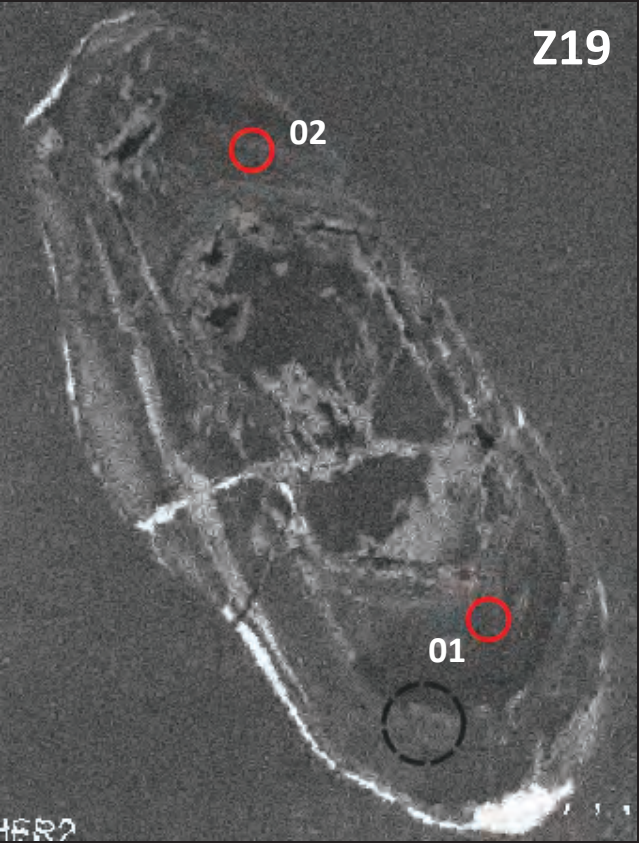
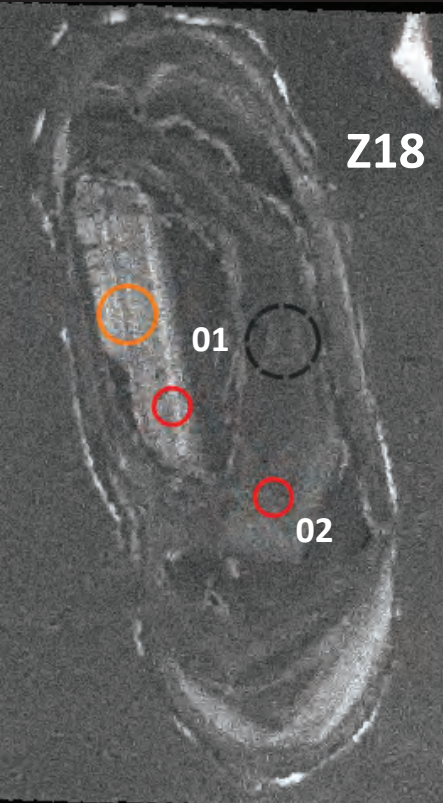
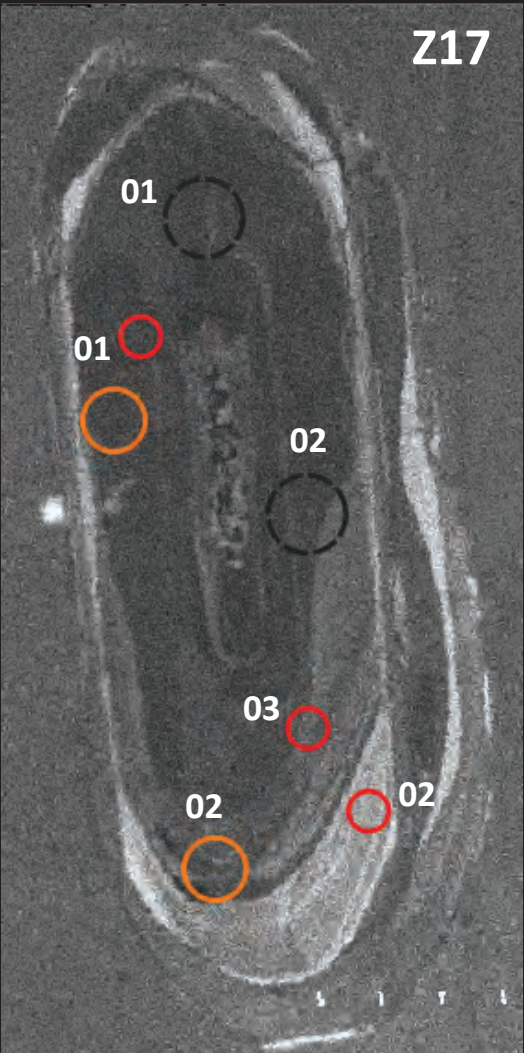
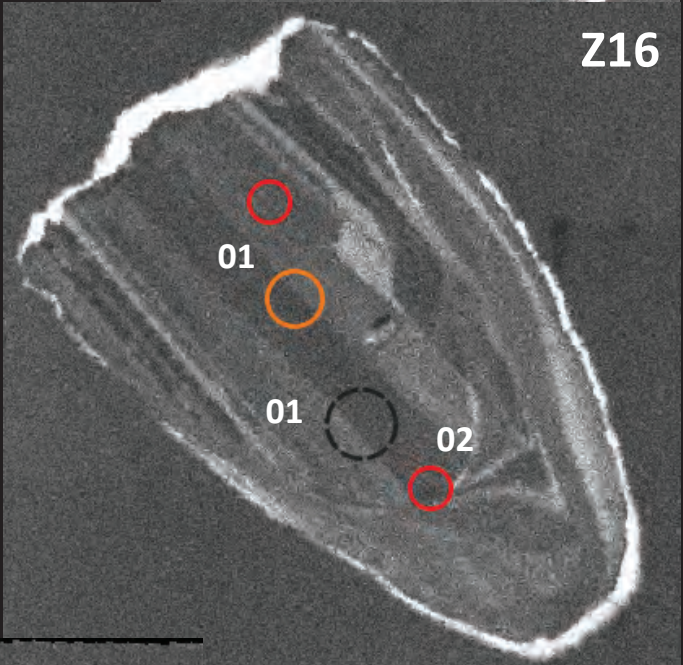
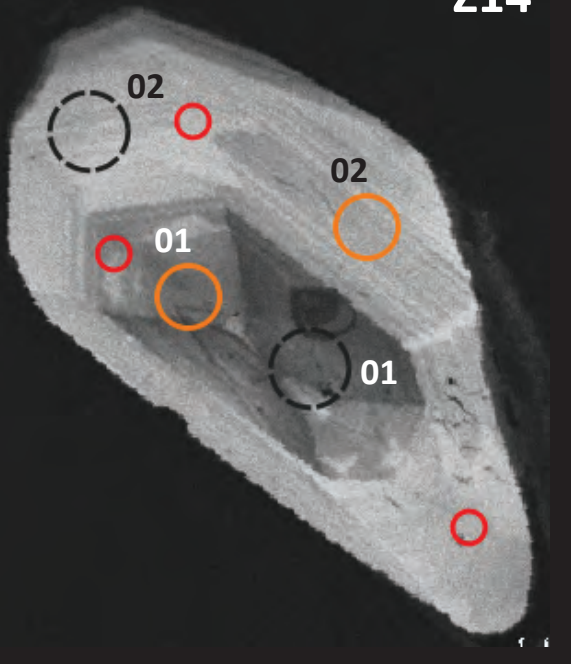
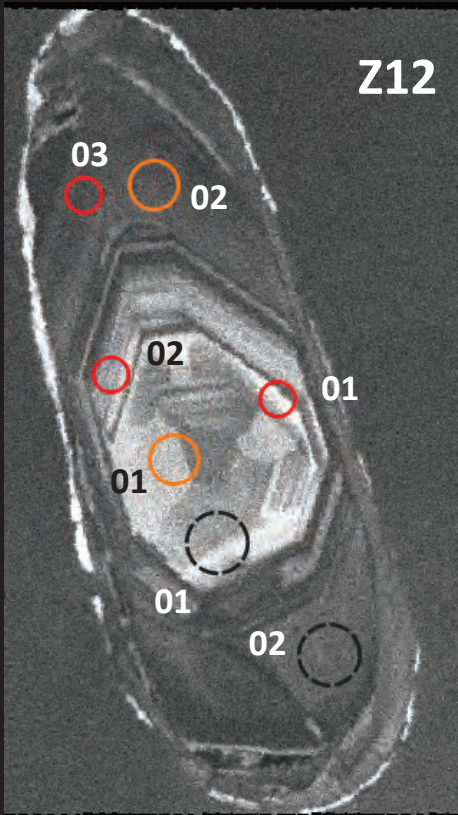
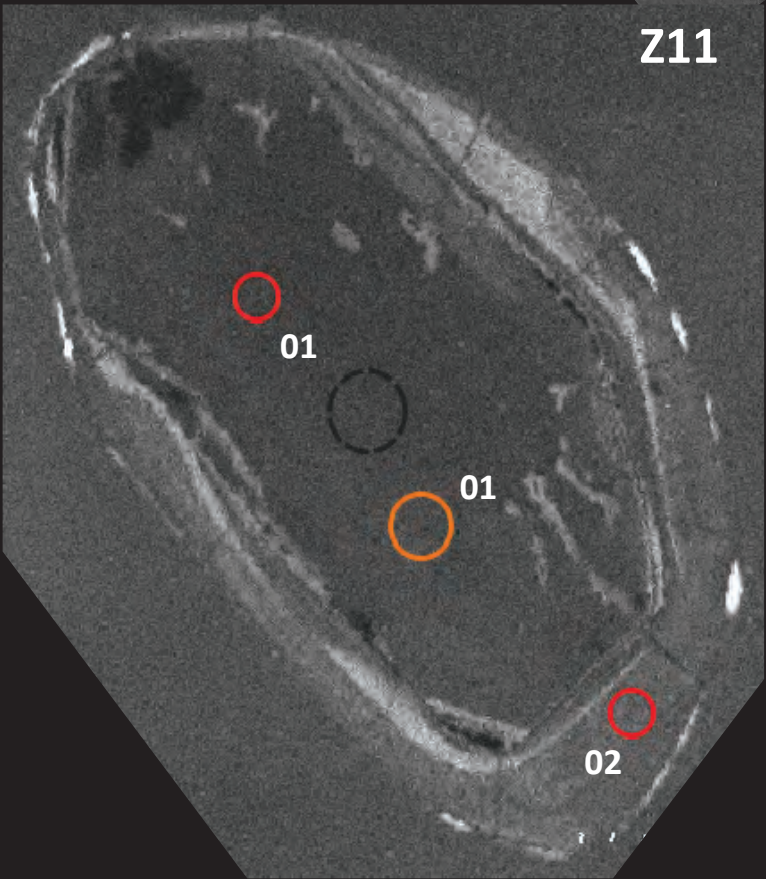
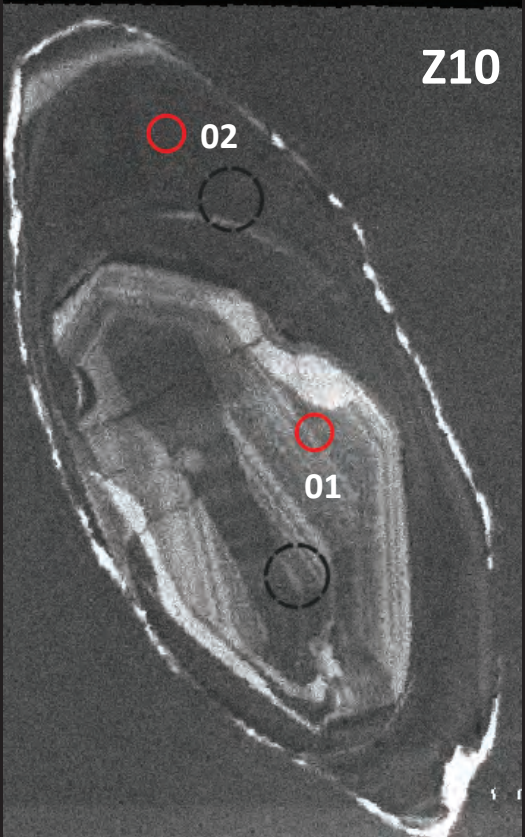
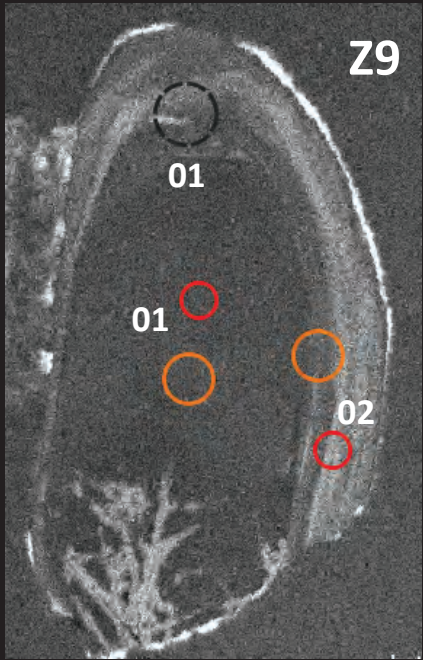
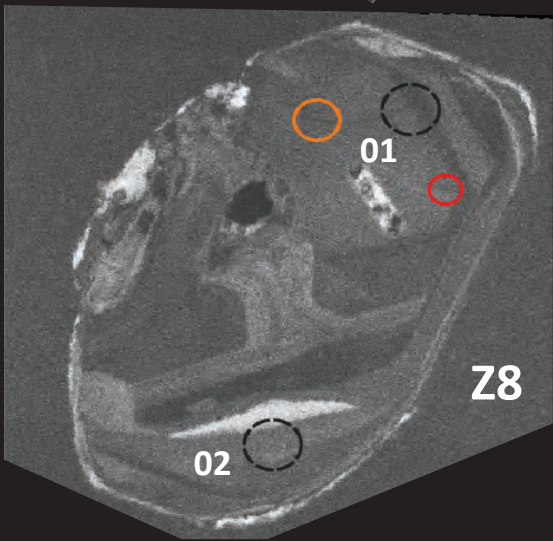
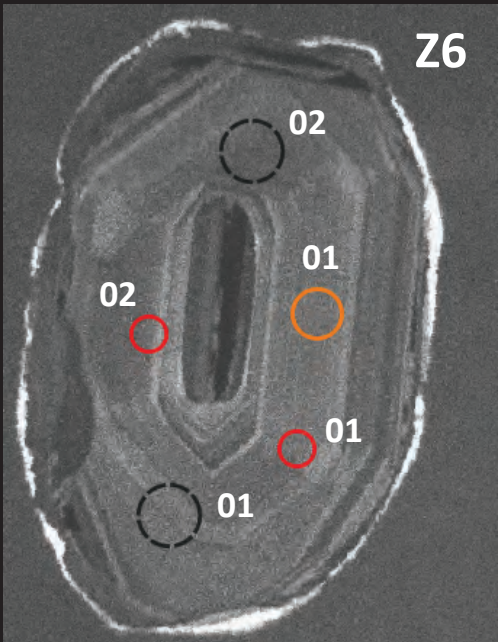
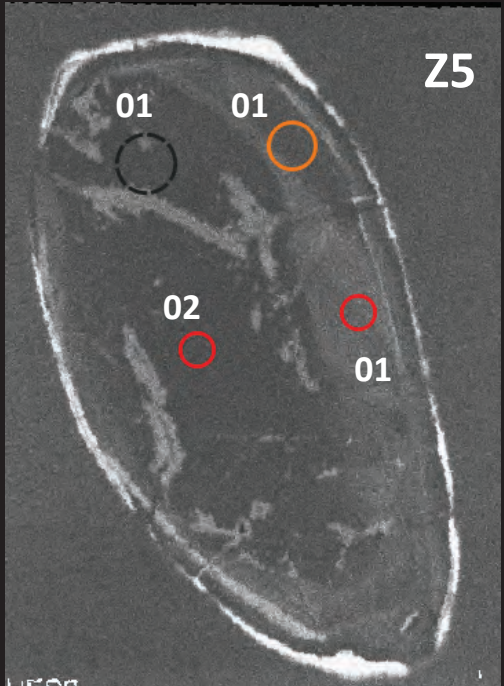
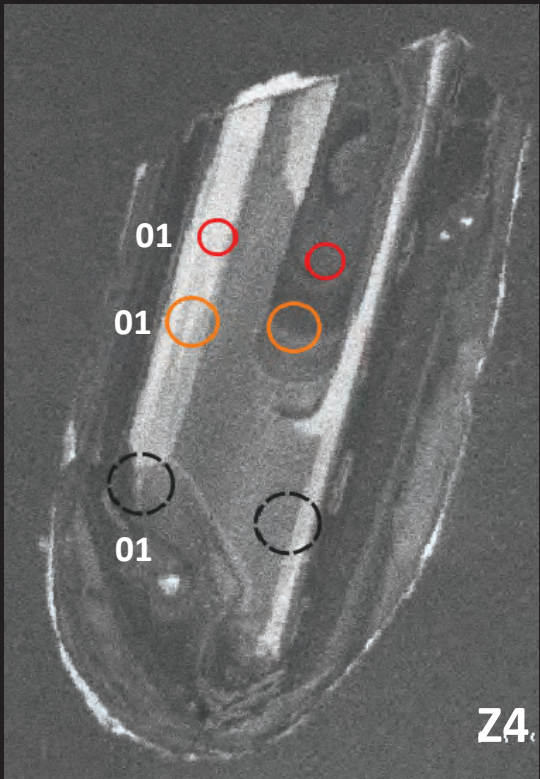
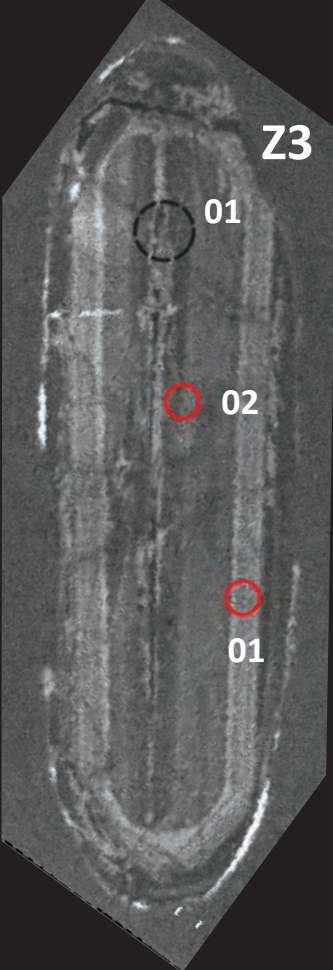
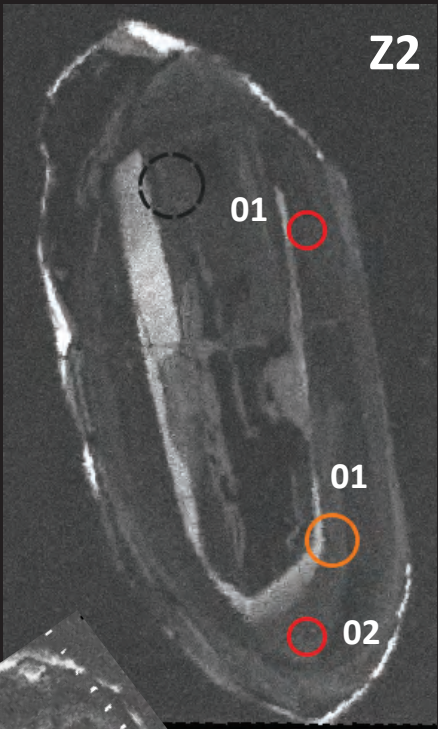
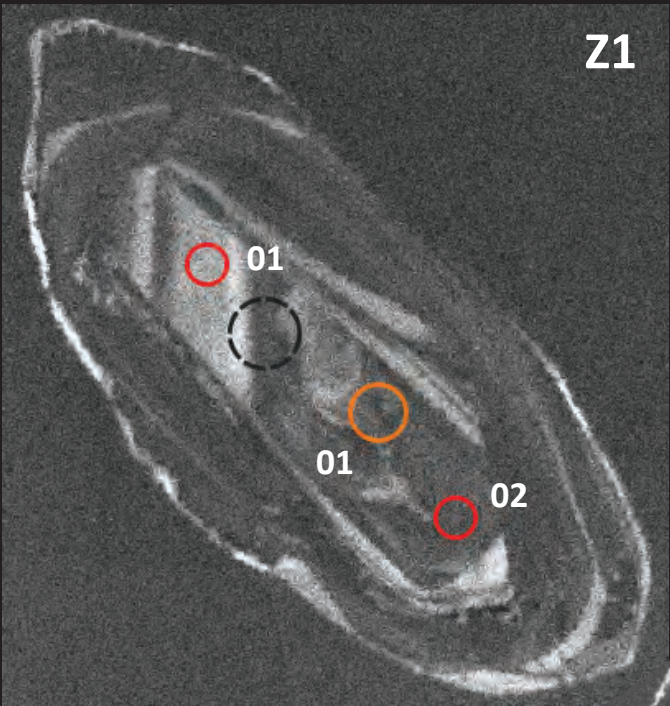
100 μm

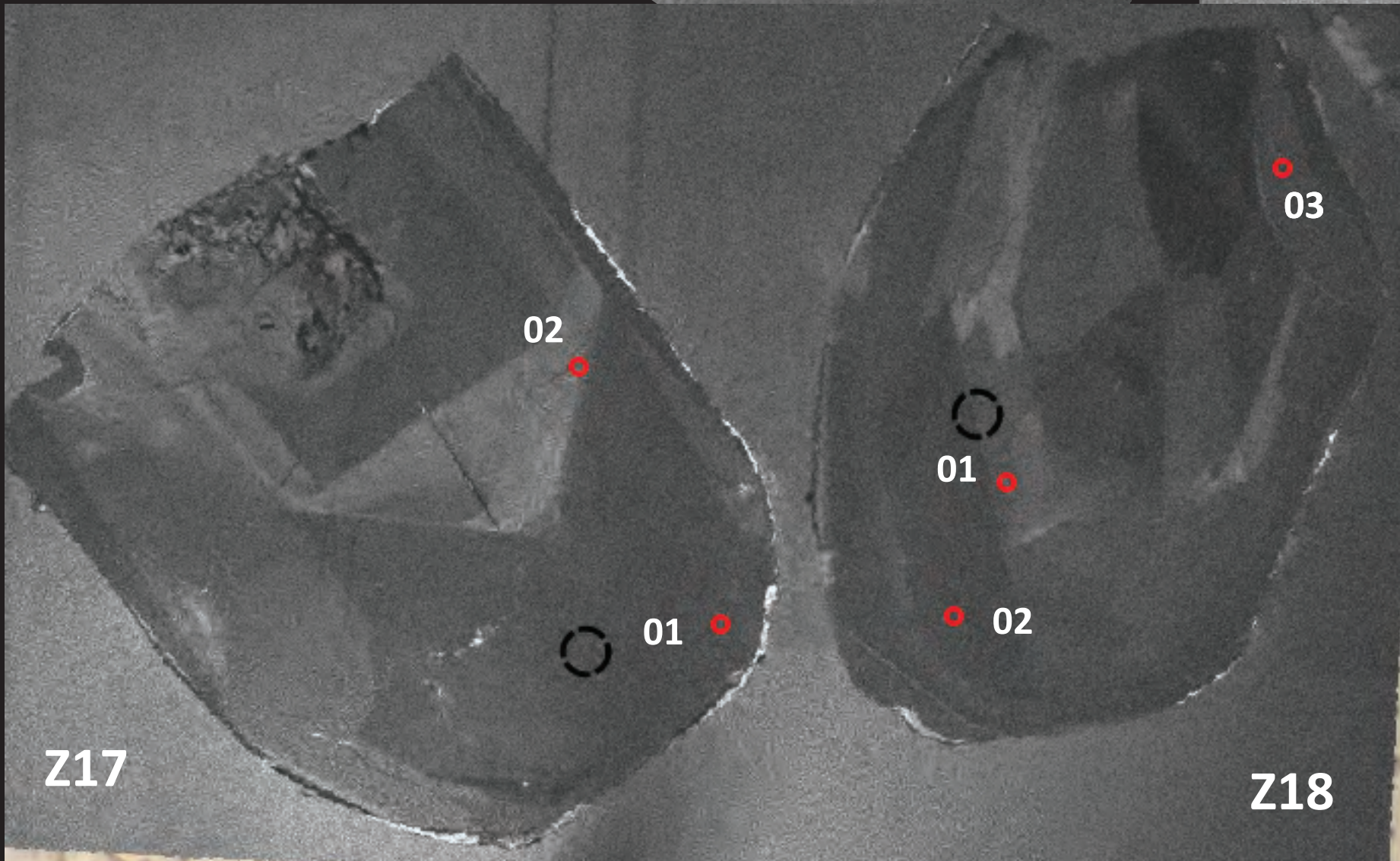
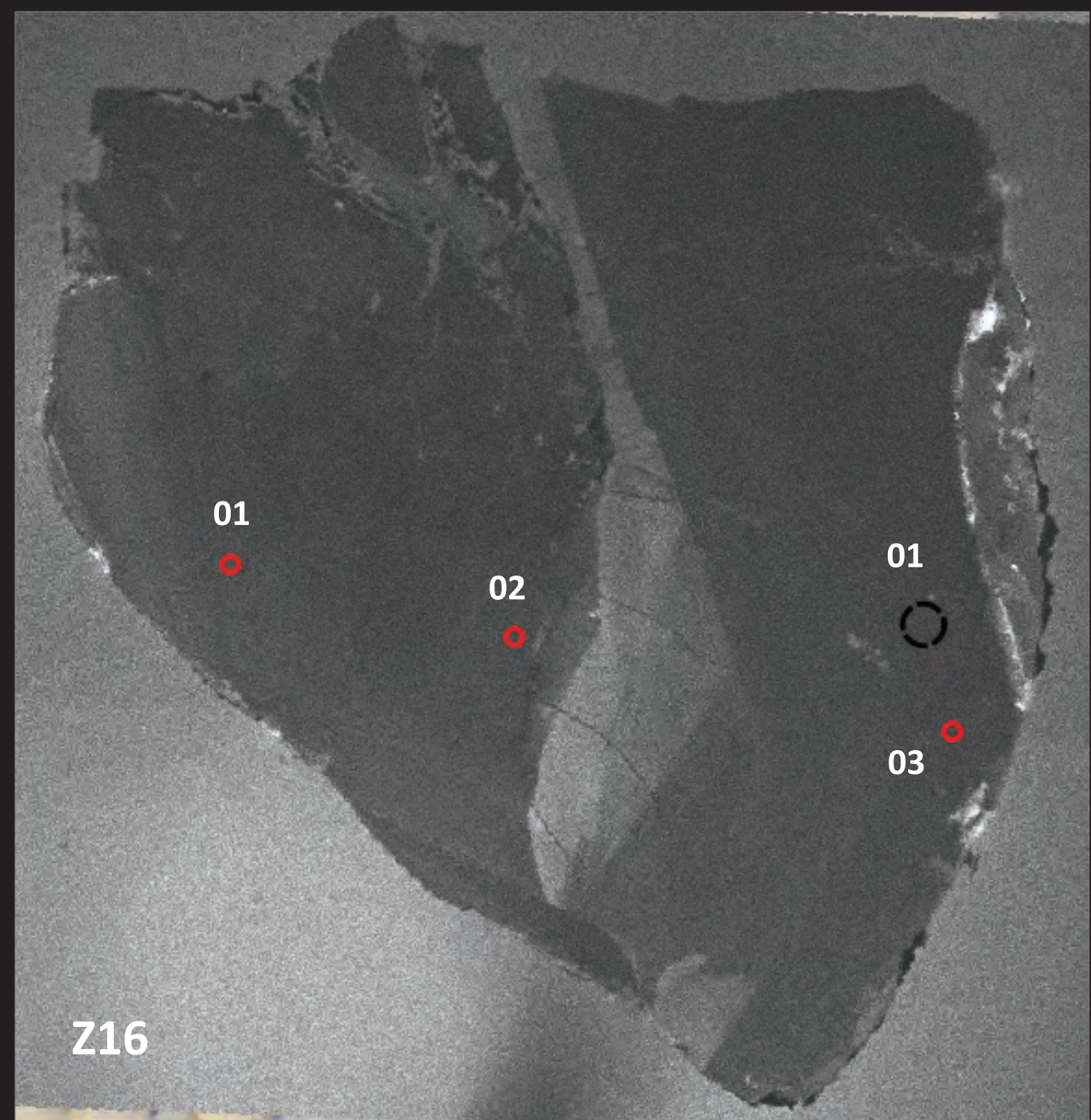
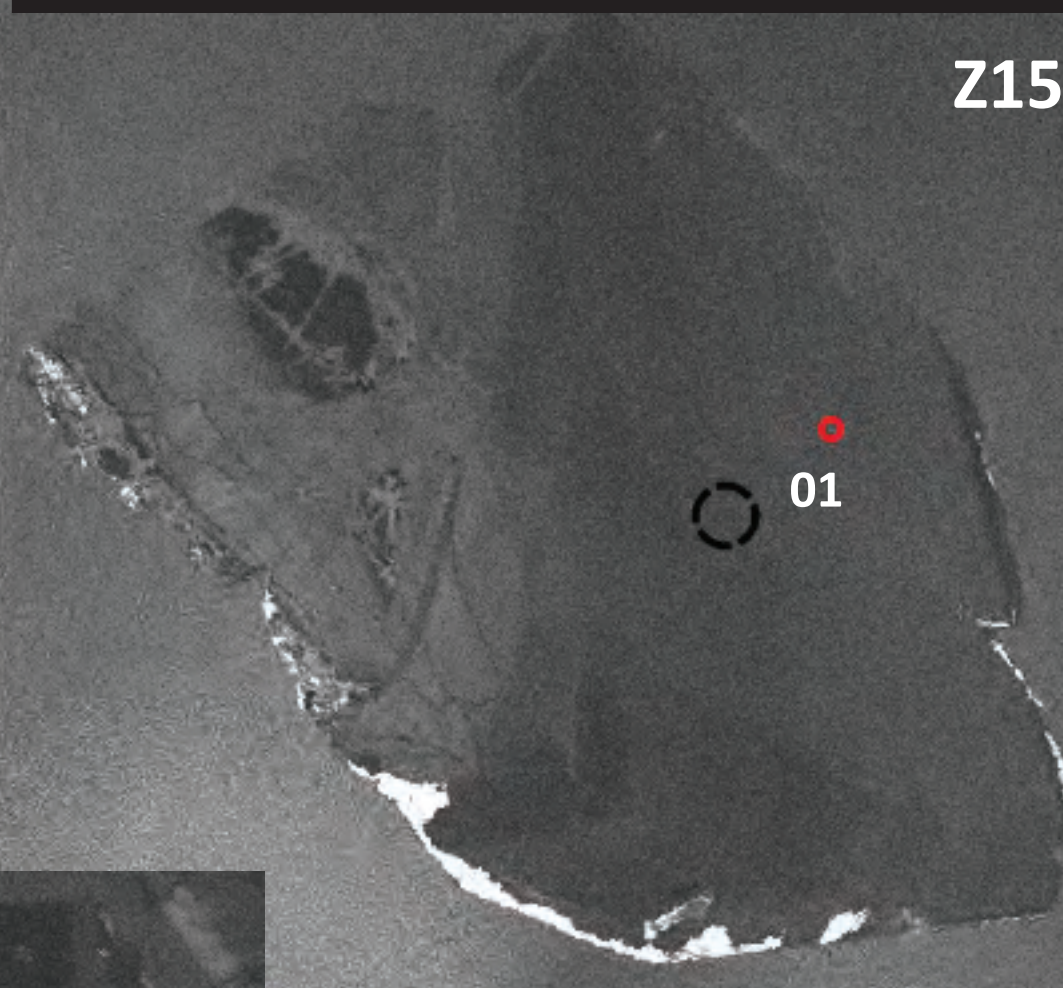
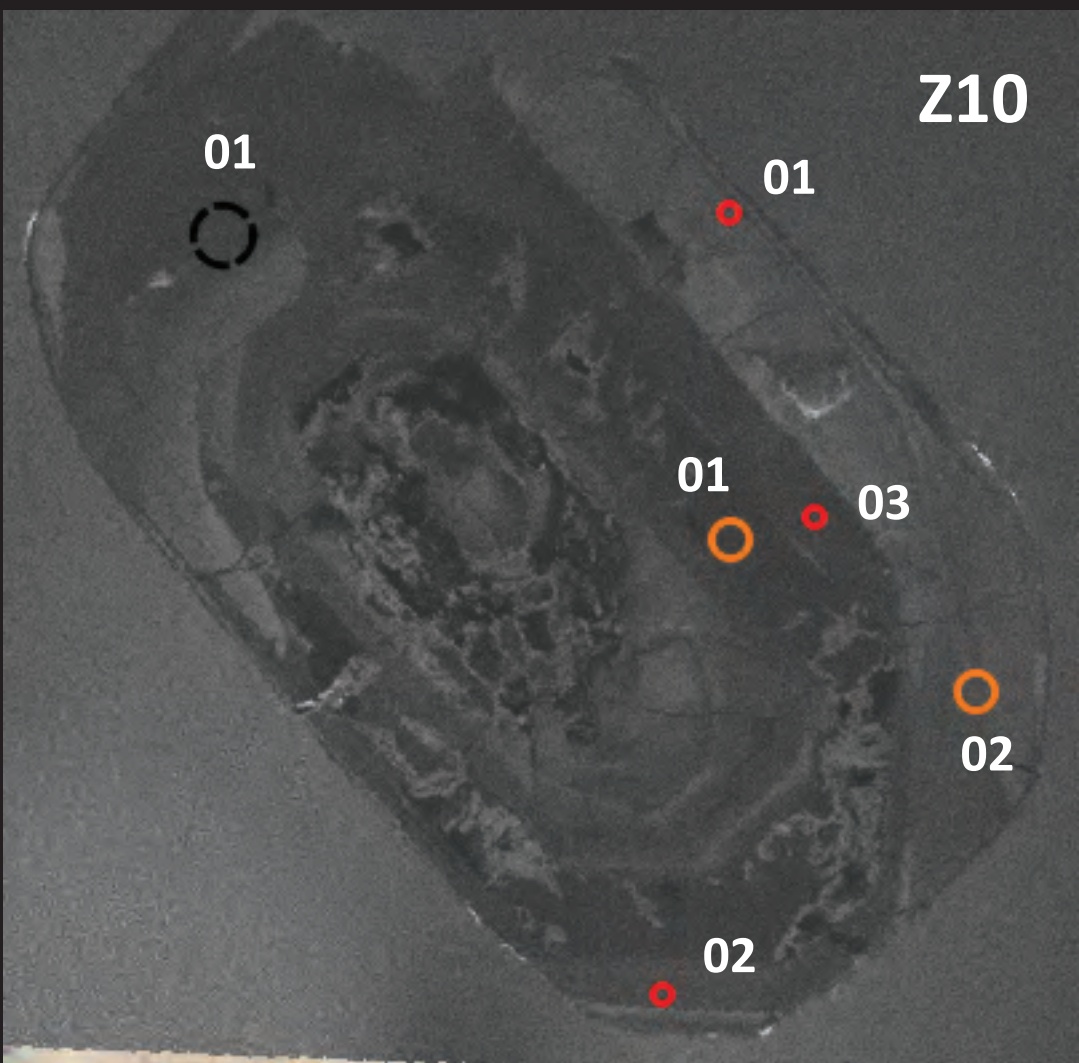
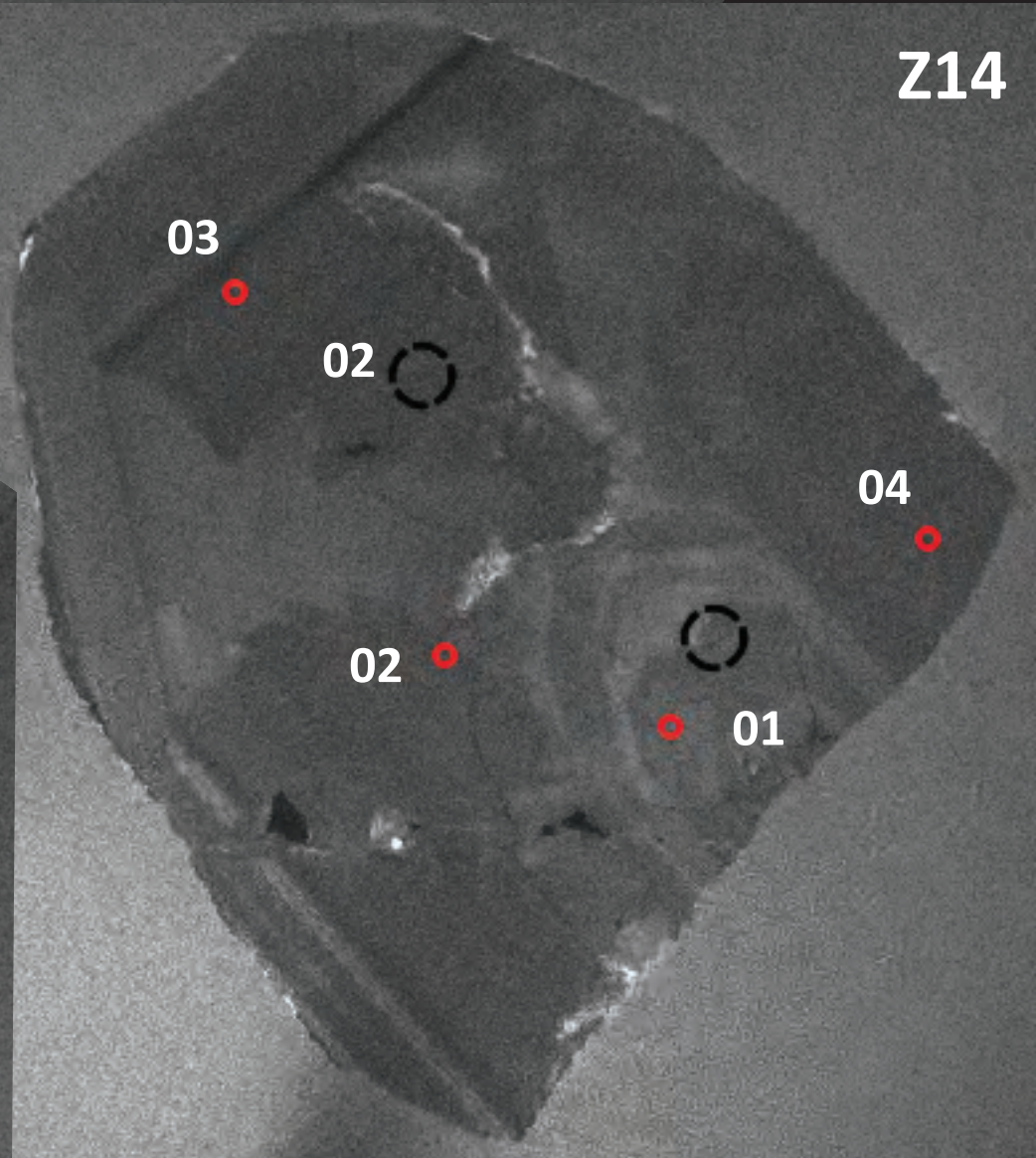
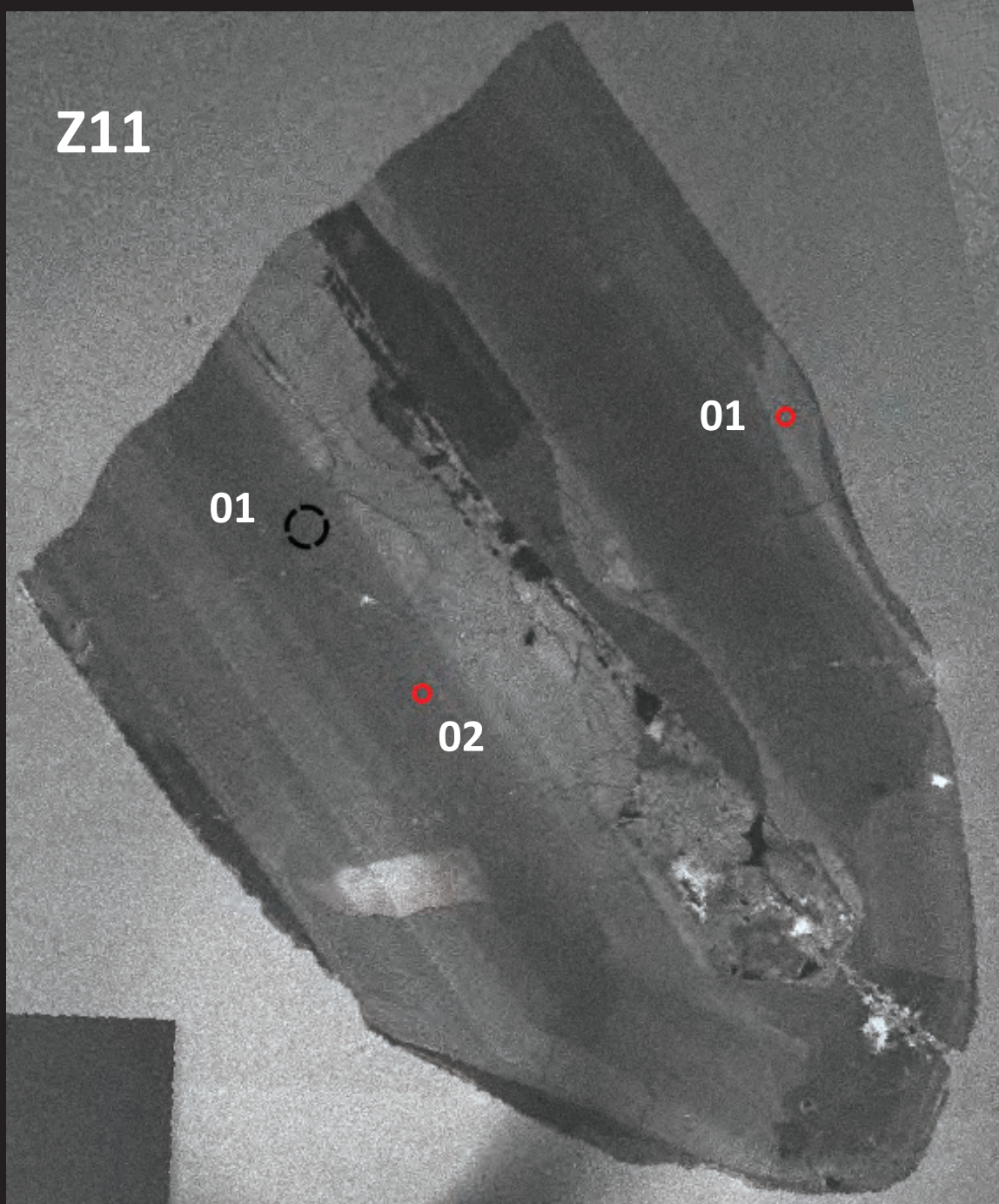
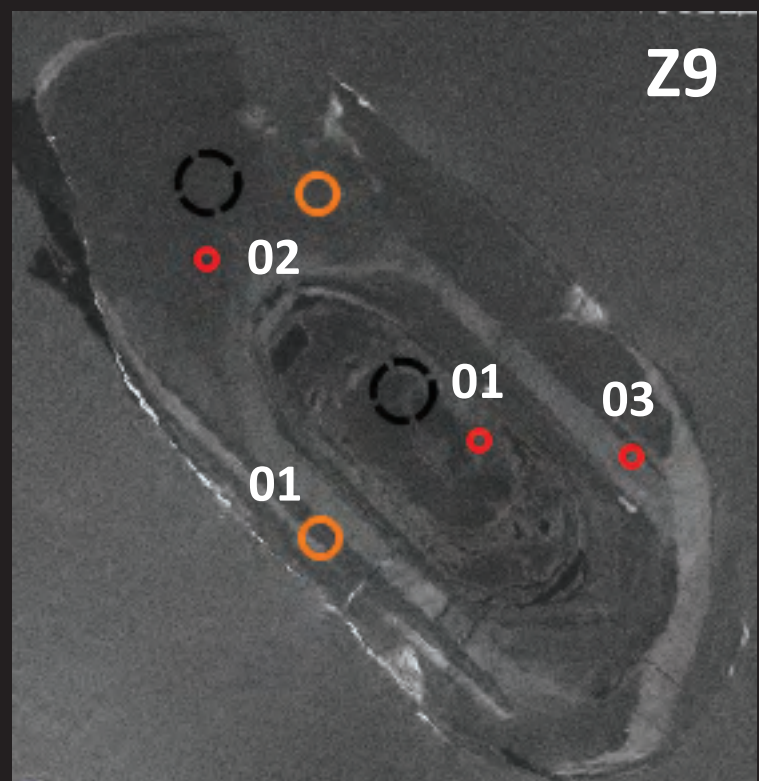
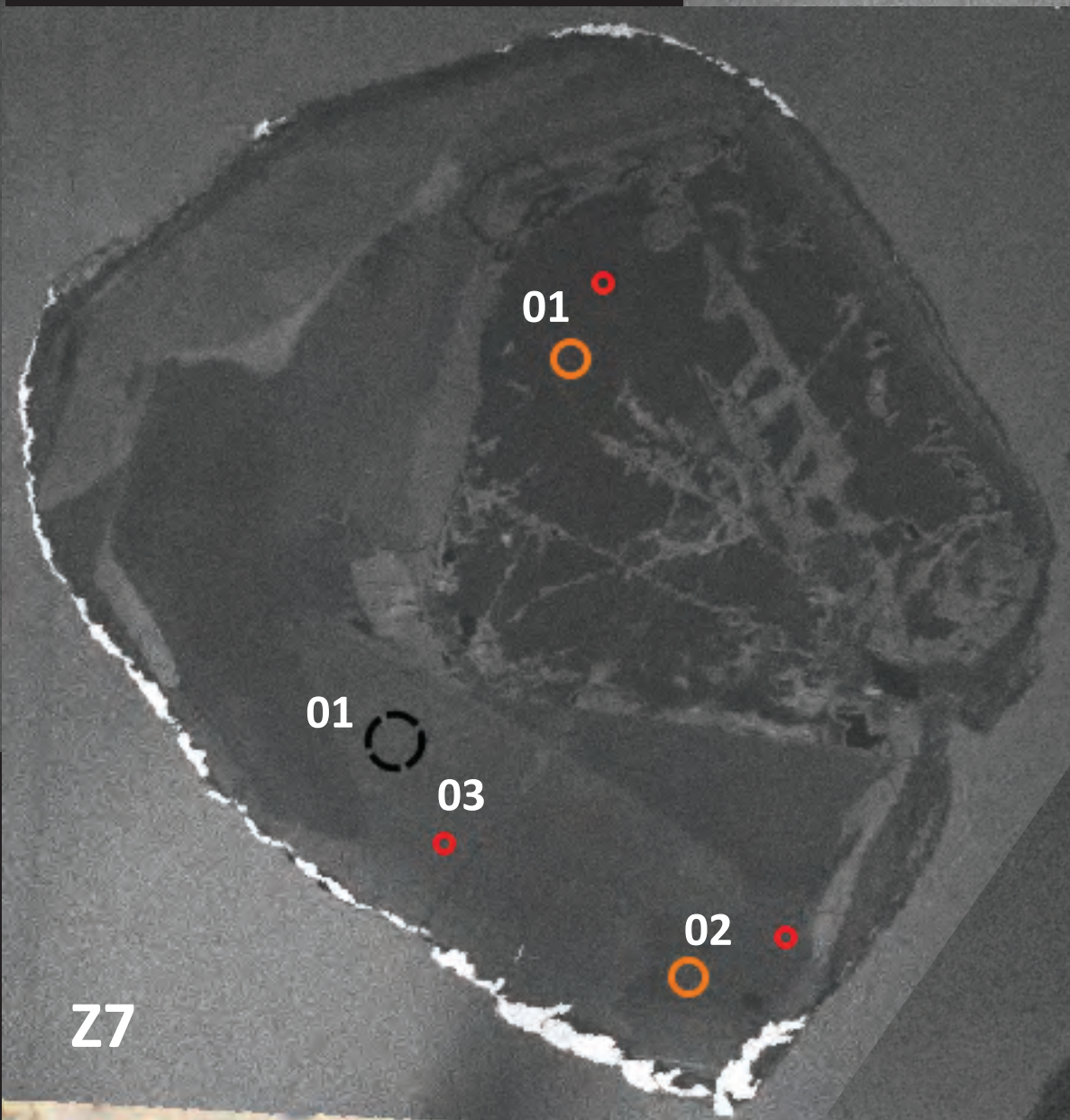
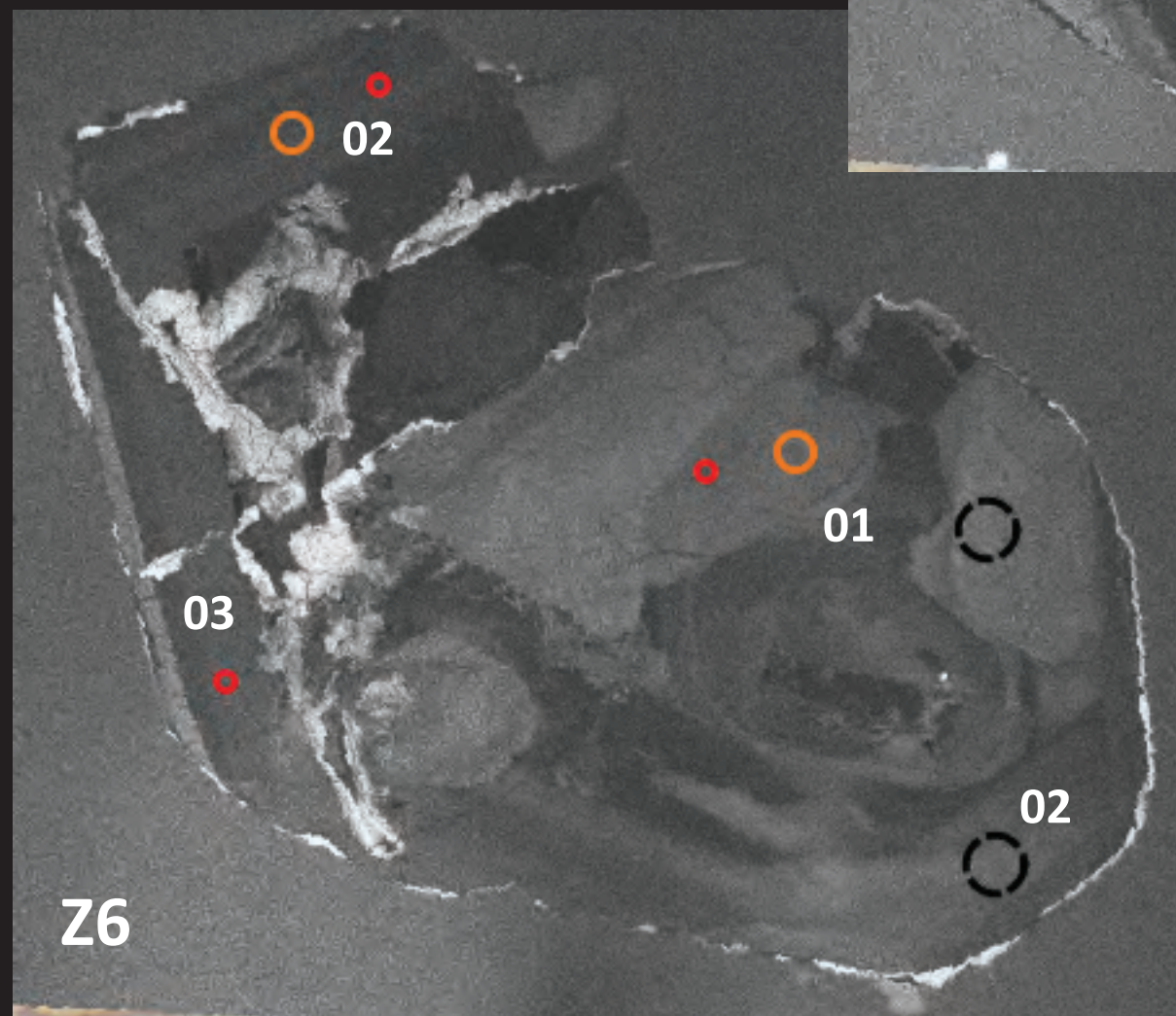
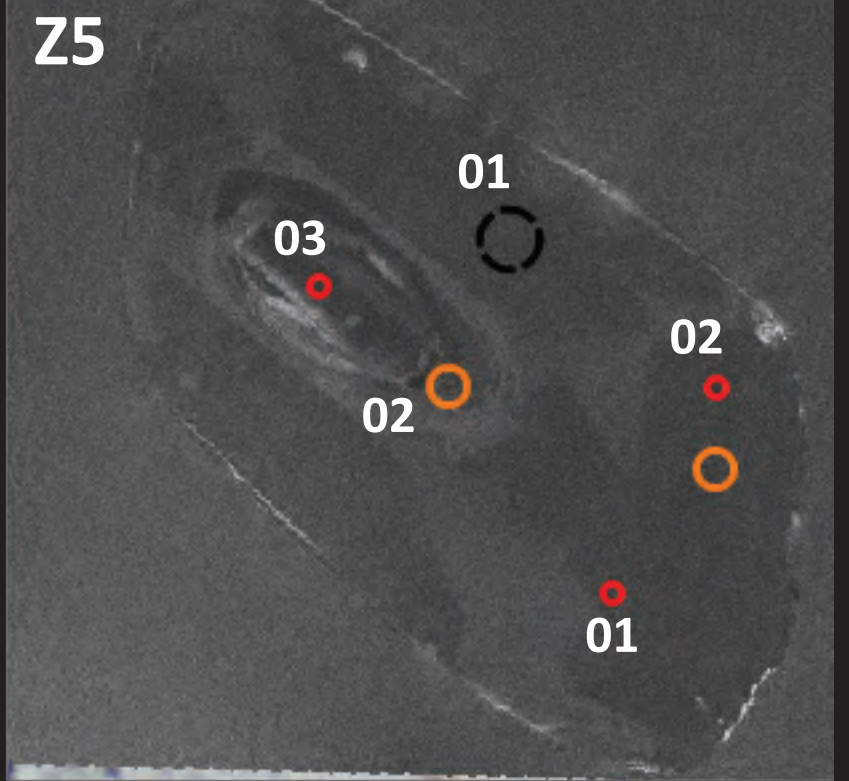
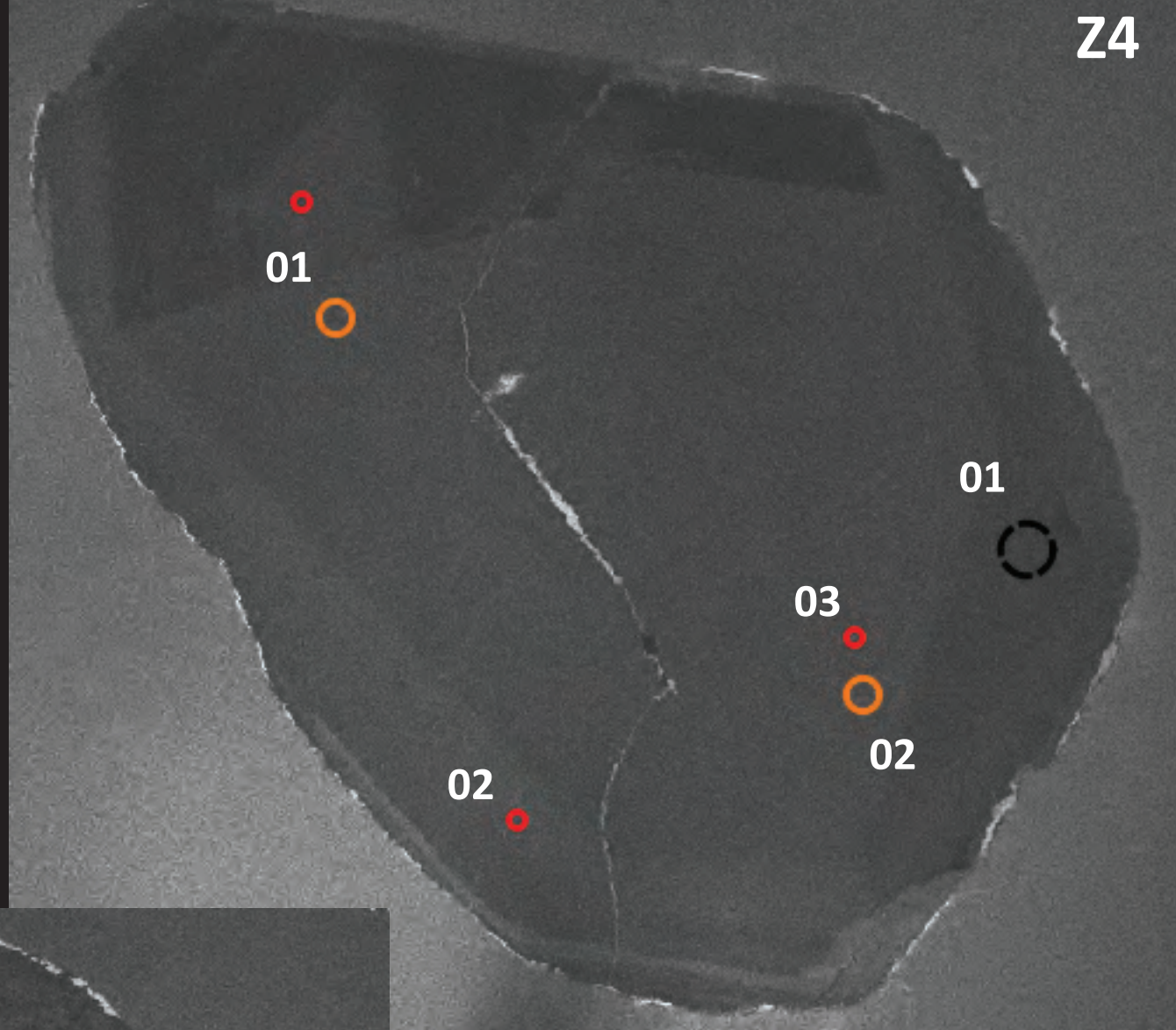
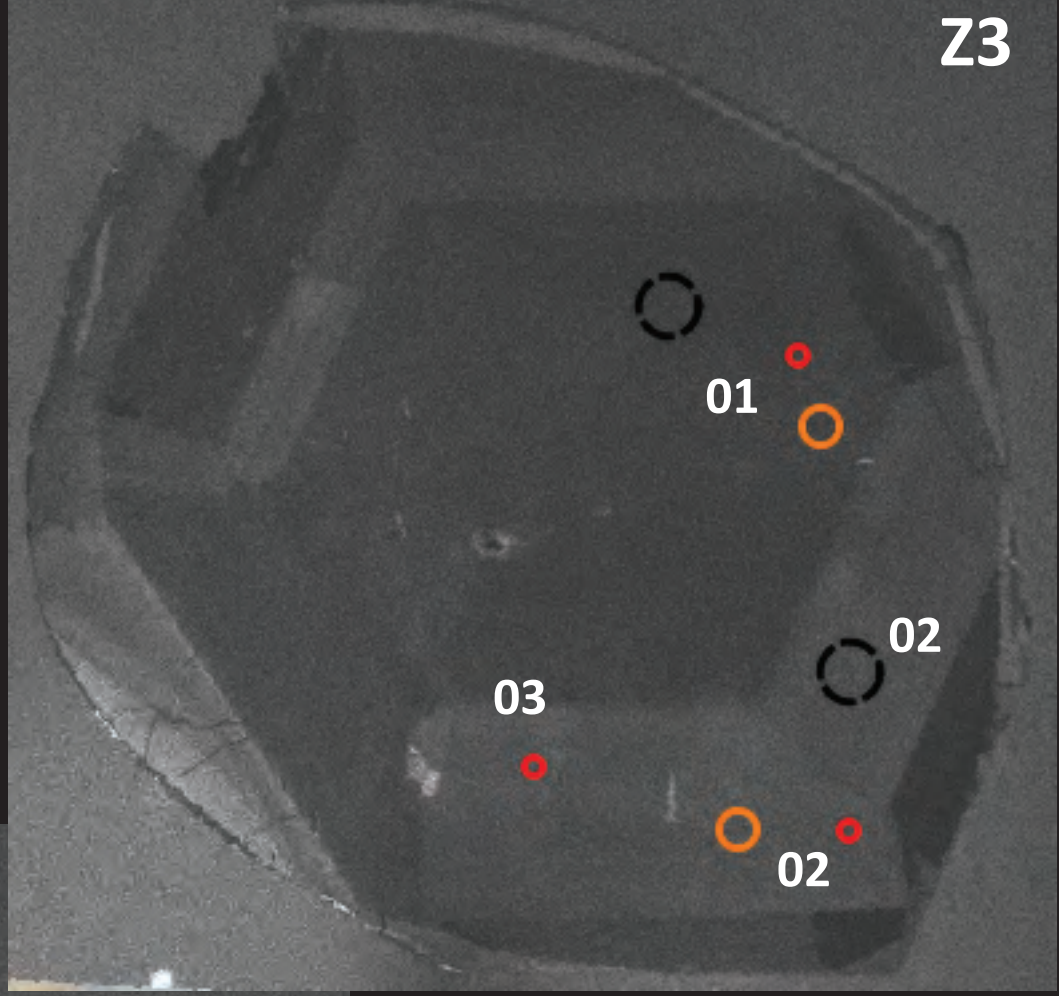
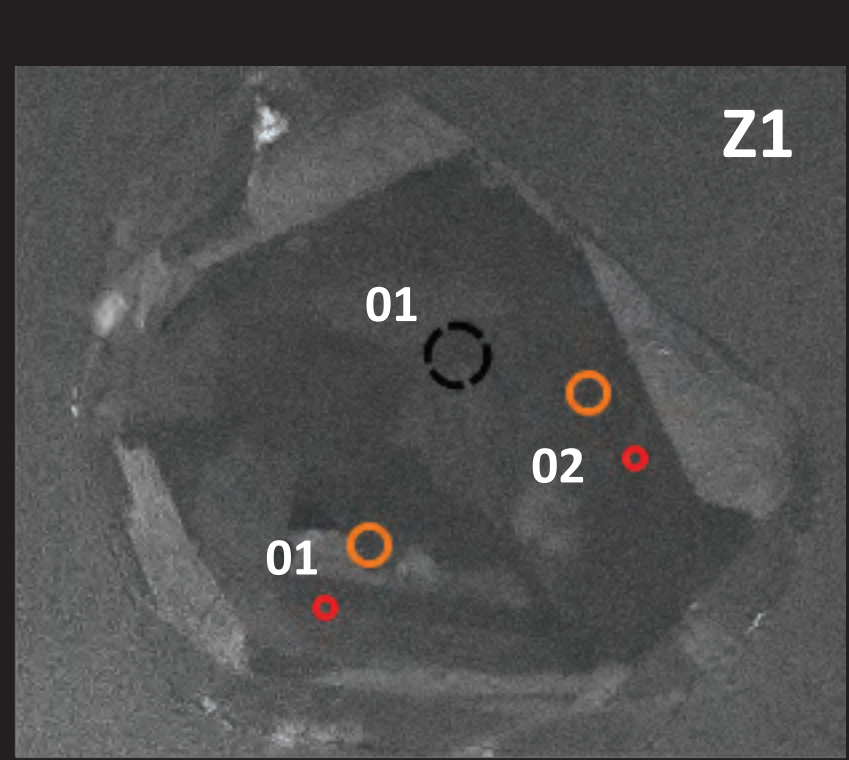
○ WiscSIMS O (~10 μm) ○ WiscSIMS TE (~15 μm) ○ WiscSIMS U-Pb (~20 μm)

BG-83A

50 μ m

WiscSIMS O (~10 μ m) WiscSIMS TE (~15 μ m) WiscSIMS U-Pb (~20 μ m)

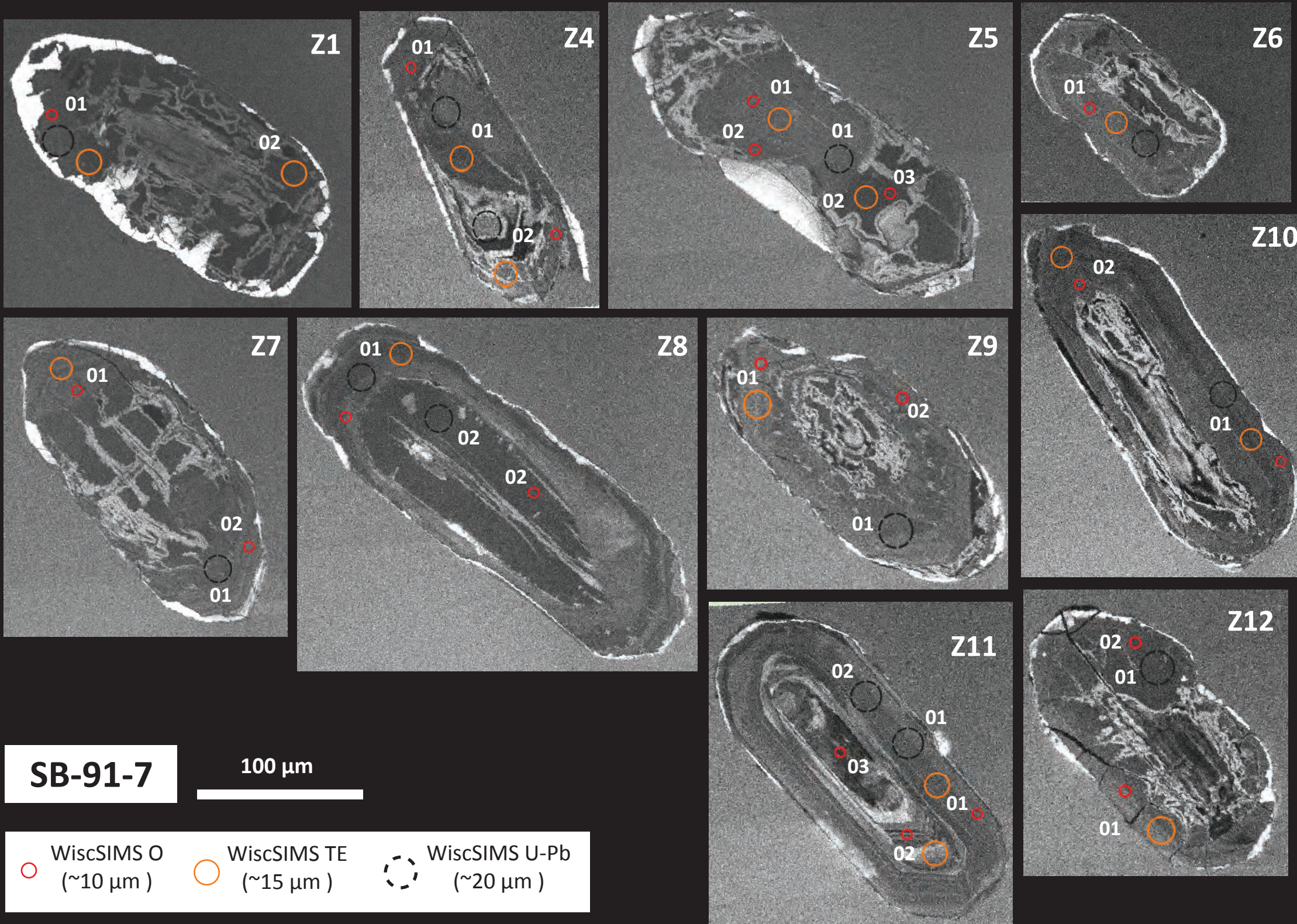




WiscSIMS O (~10 μm) WiscSIMS TE (~15 μm) WiscSIMS U-Pb (~20 μm)

100 μm

SAB-95-57



SB-91-7 (lg grains)

100 μm

WiscSIMS O
(~10 μm)

WiscSIMS TE
(~15 μm)

WiscSIMS U-Pb
(~20 μm)

