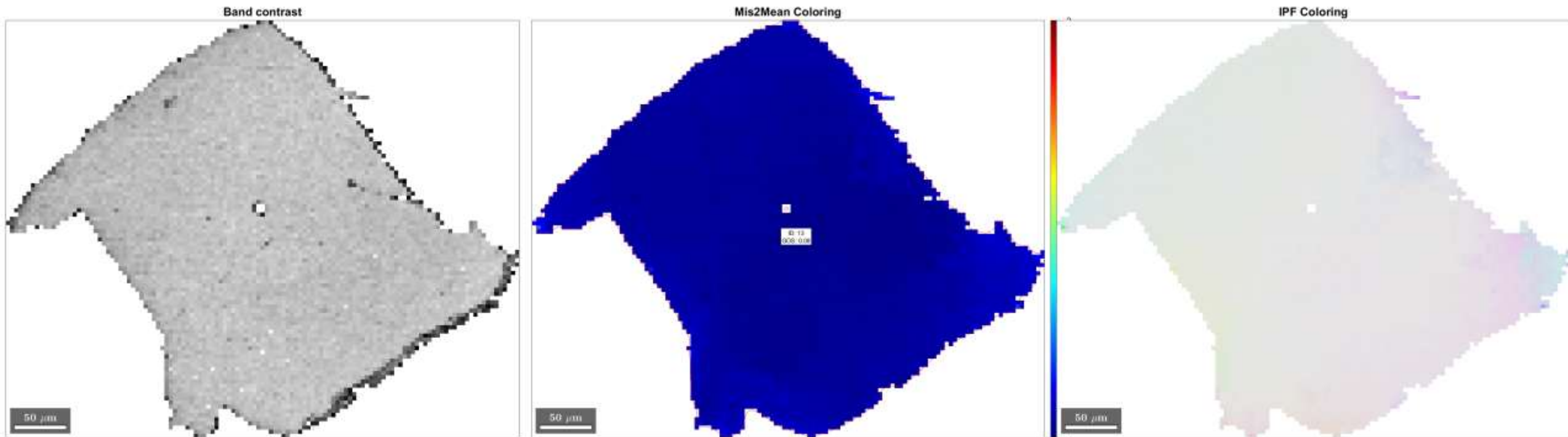


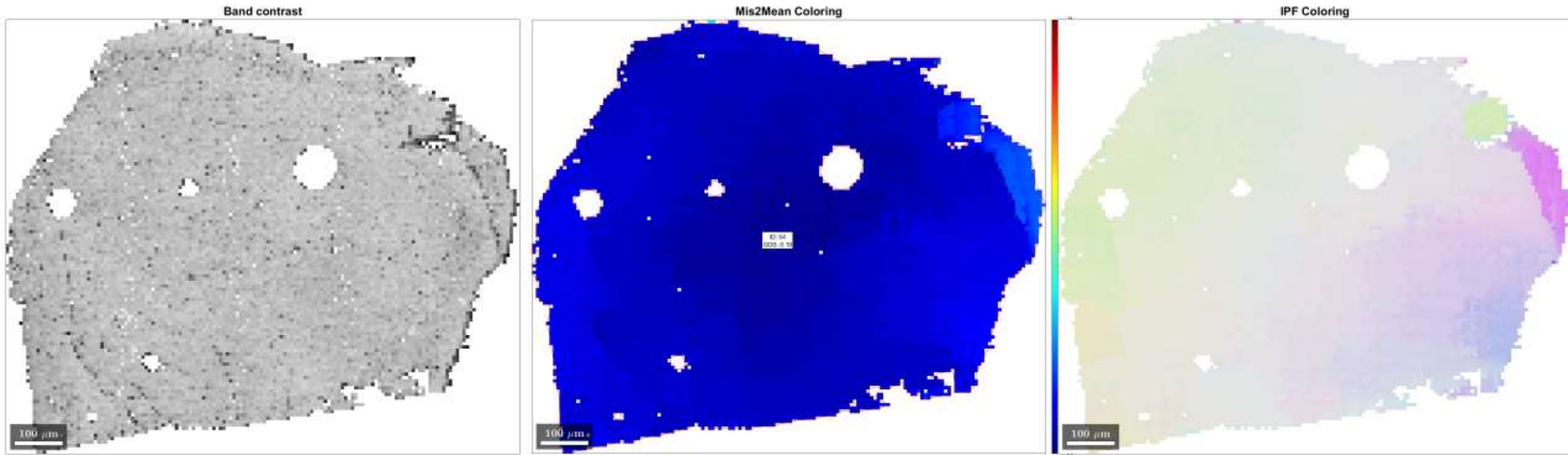
This slideshow shows some examples of classifications. These classifications are done by eye and are largely arbitrary, particularly given the continuous nature of deformation. However, over a dataset of 600 grains, they have some meaning, even if certain examples may sit between categories.

Undeformed examples

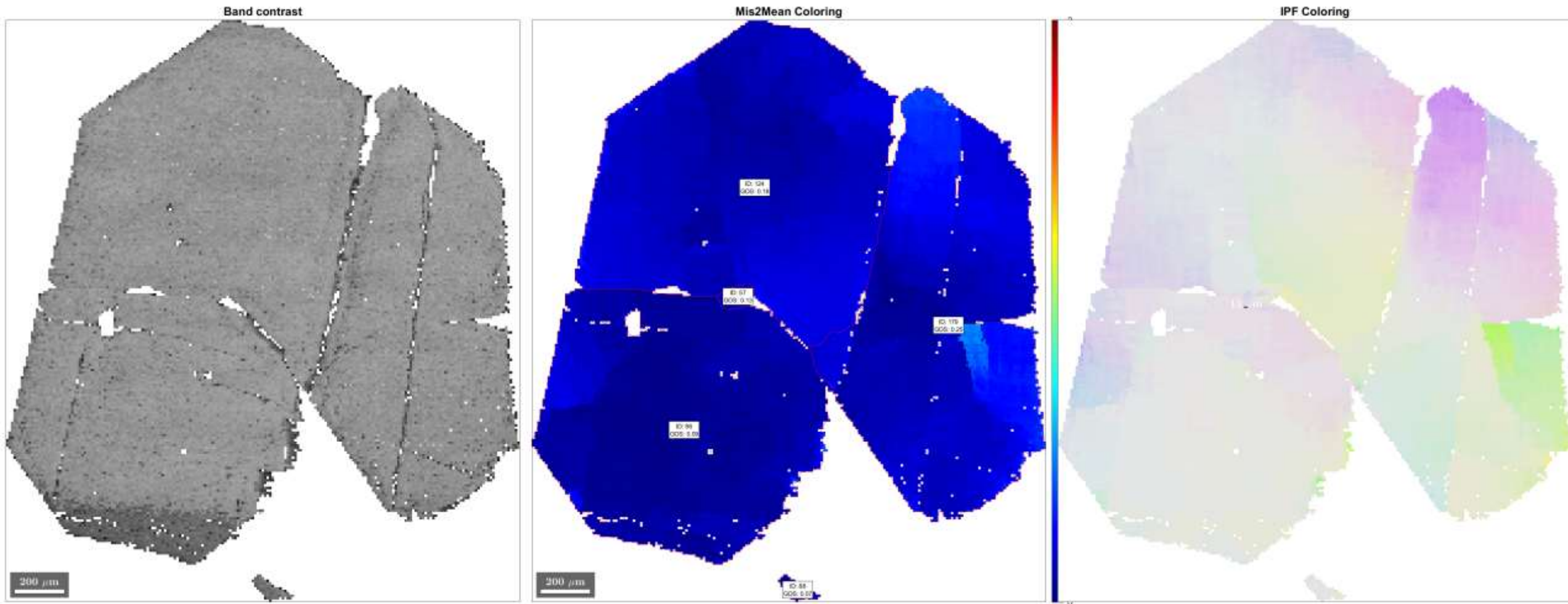
M49_c54 – Classified as undeformed (GOS = 0.08)



M58_c2– Classified as Undeformed (GOS = 0.19)

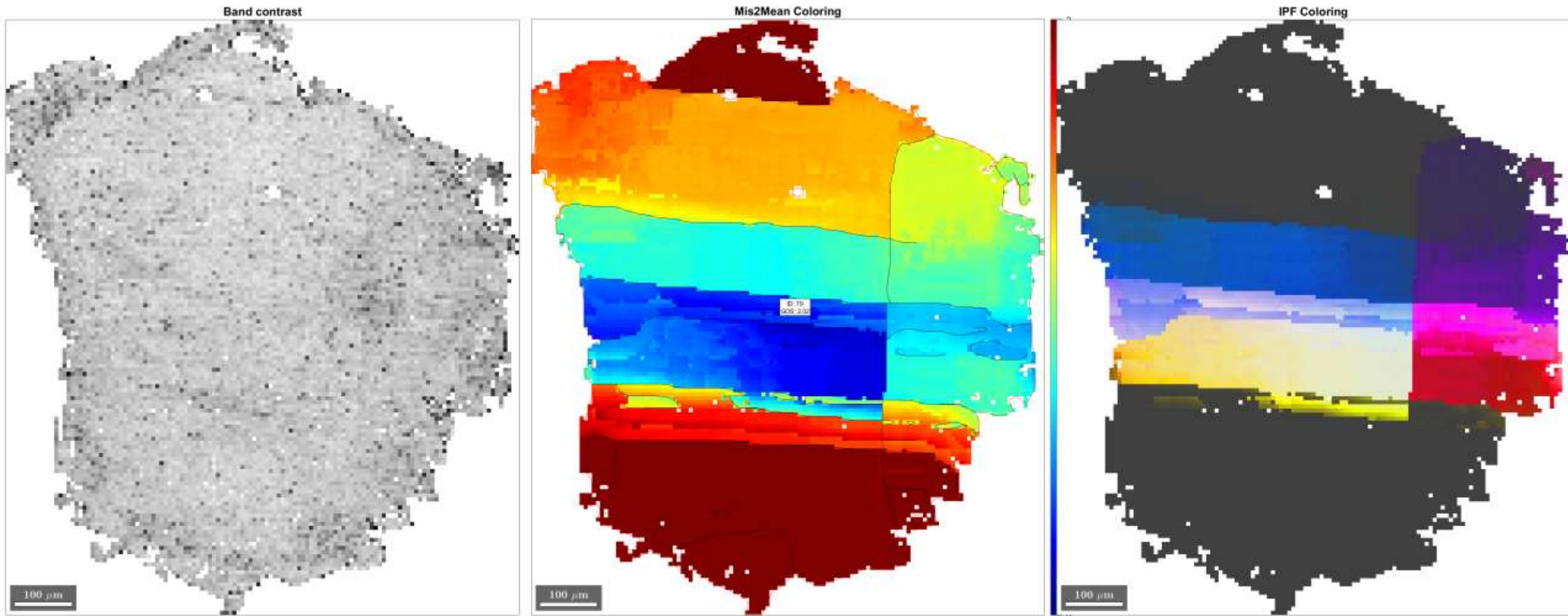


M58_c6– All 4 grains in this map classified as undeformed.

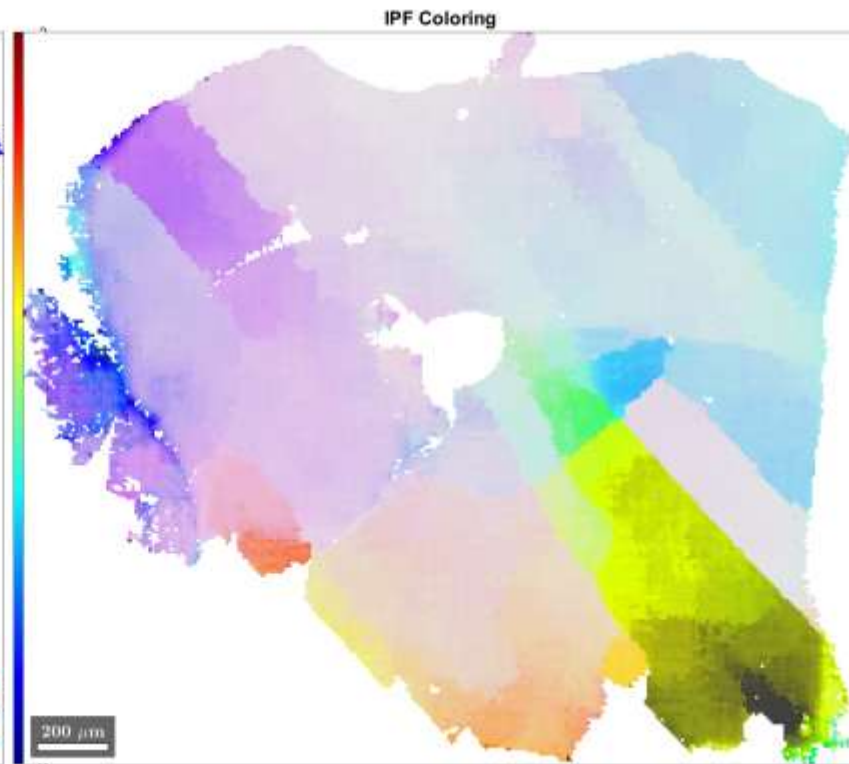
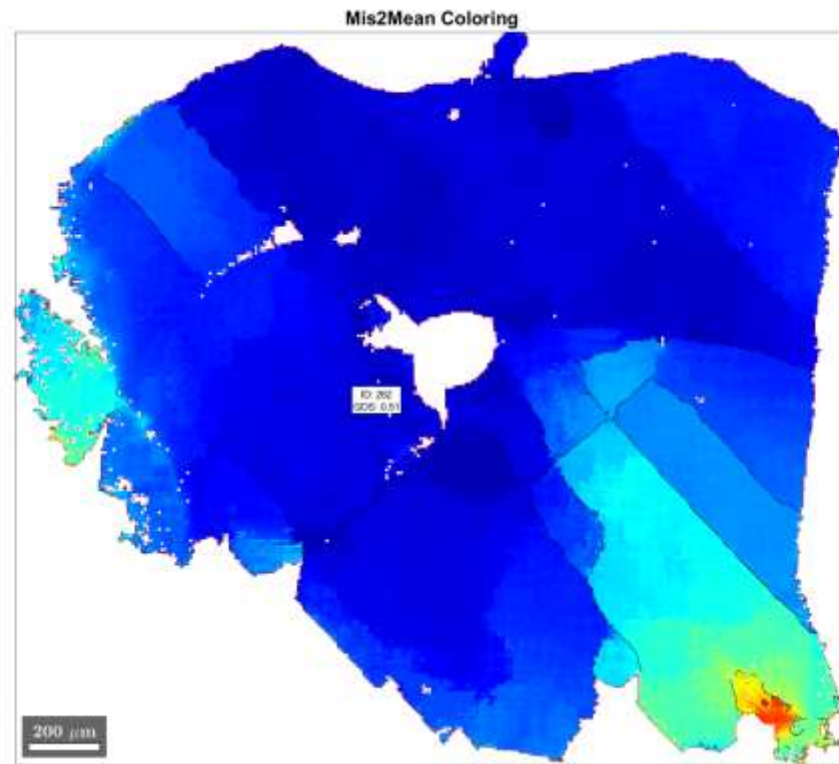
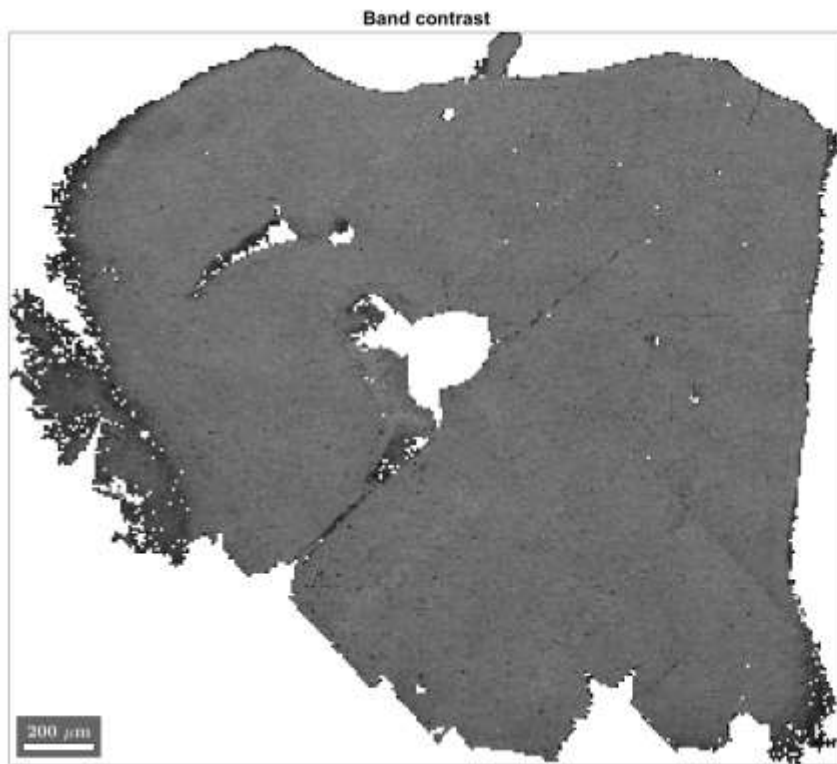


Deformed examples

M58_c1– Classified as Deformed (GOS = 2.02)

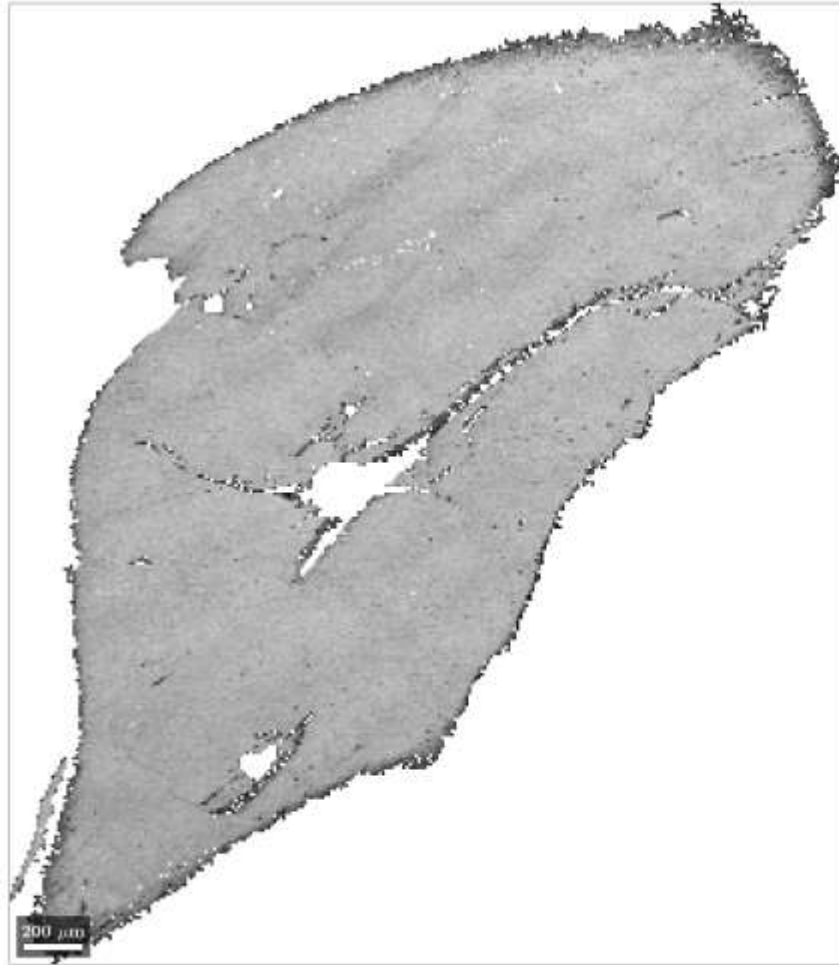


M58_c4– Classified as Deformed (GOS = 0.51)

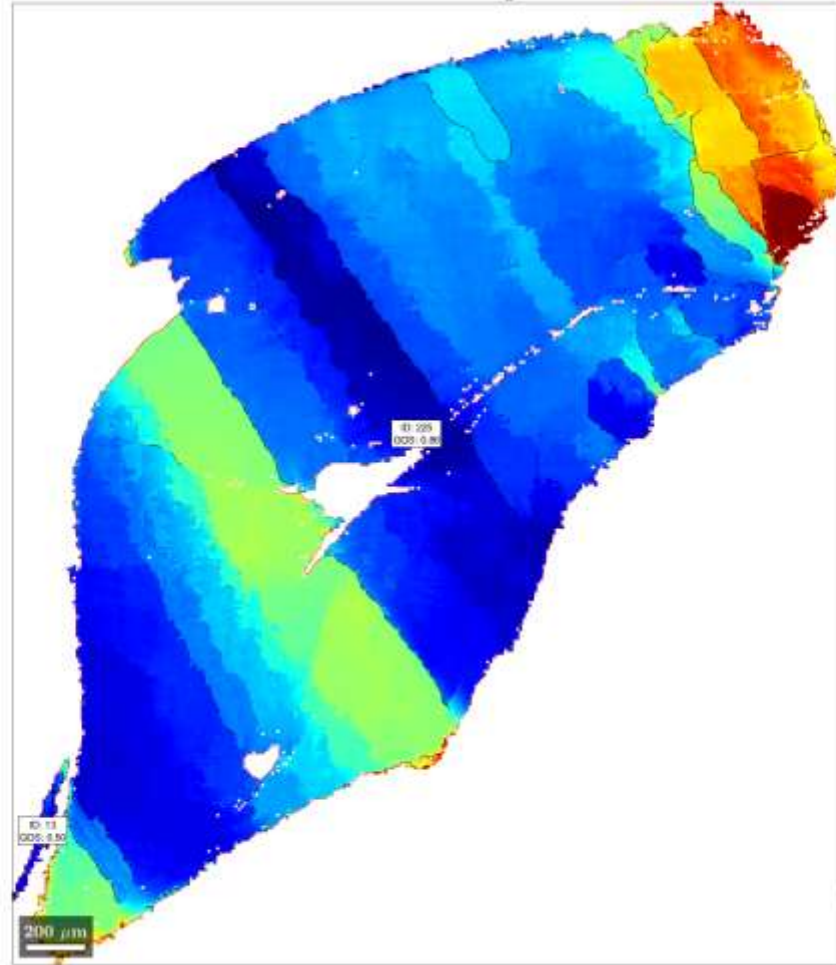


M58_c5– Classified as Deformed (GOS = 0.86)

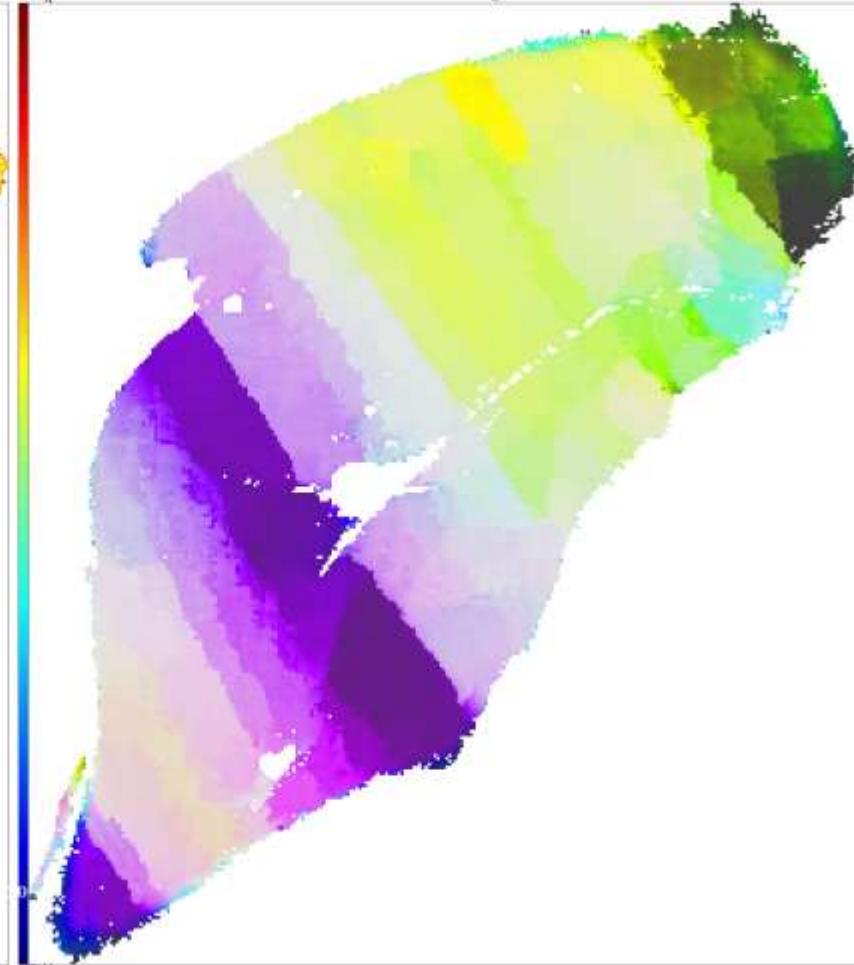
Band contrast



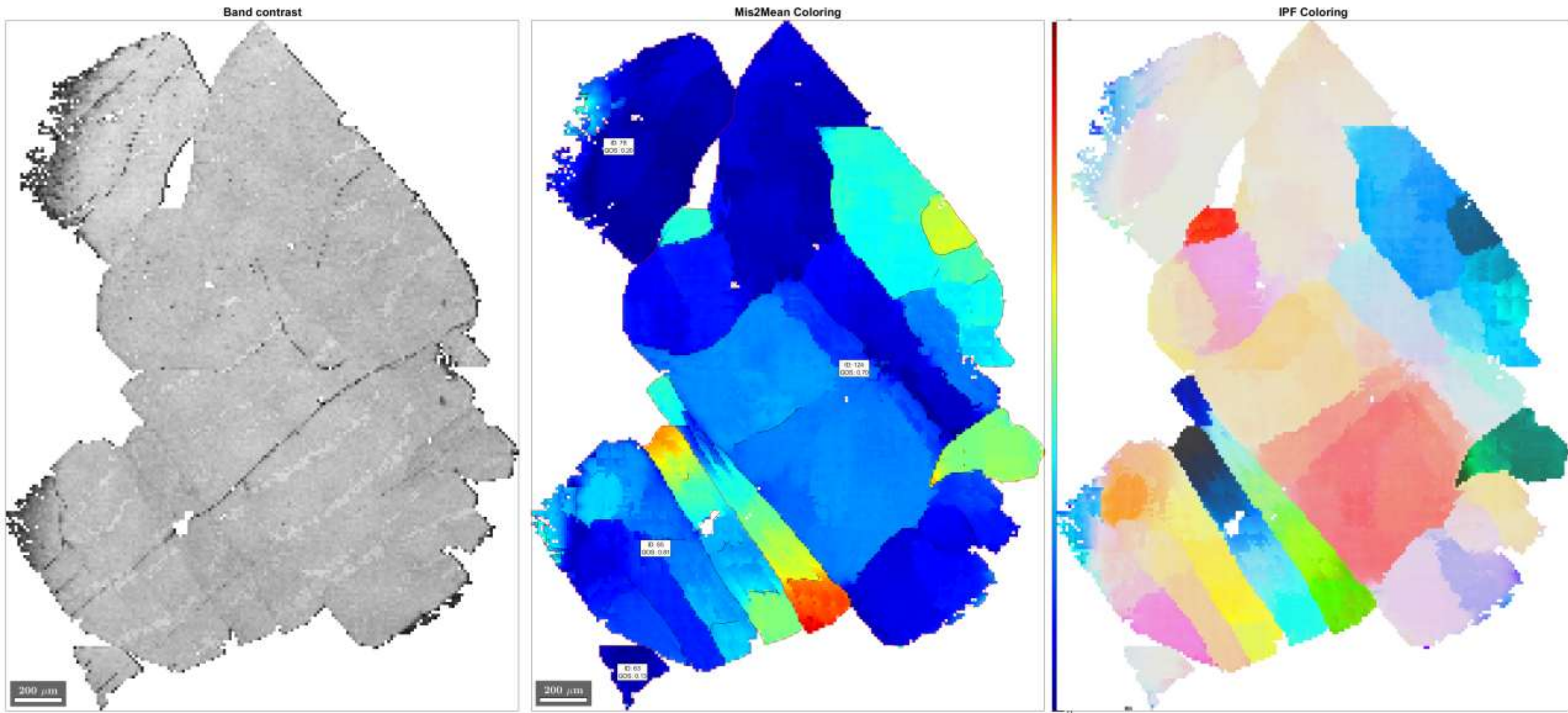
Mis2Mean Coloring



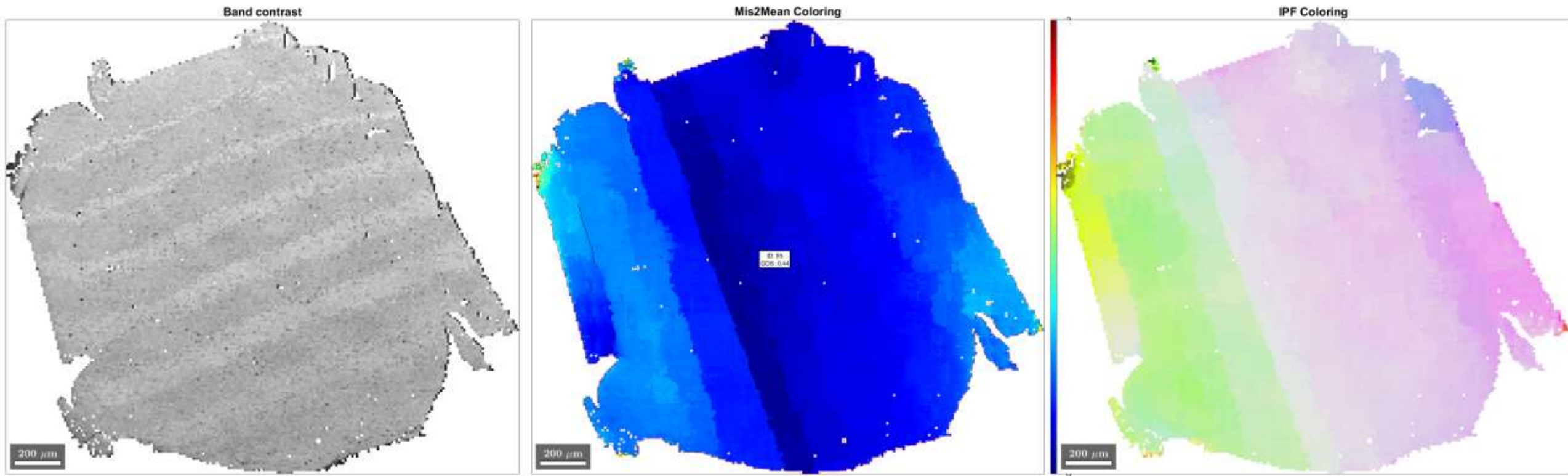
IPF Coloring



M58_c9– Grain 124 and 85 classified as deformed, grain 78 classified as undeformed

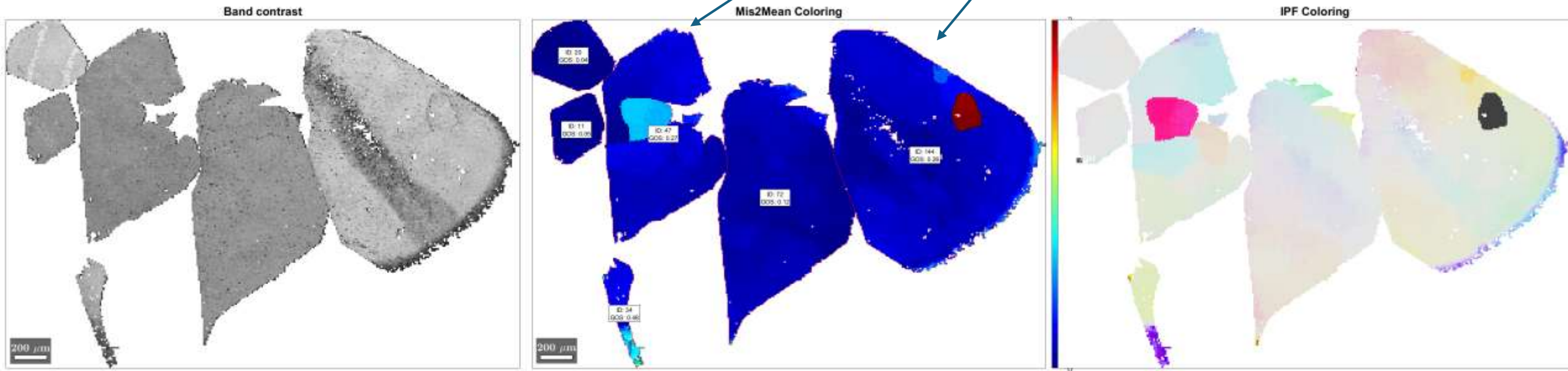


M58_c13- Deformed (GOS=0.44)



Synneusis examples

M58_c11– Grains 20, 11, and 72 were classified as undeformed, and grains 47 and 144 were classified as synnuesis



M58_c11– Grain 53 classified as synnuesis. 82 classified as deformed. 279 as undeformed. 297 as ‘Maybe’ as linear trends are starting to appear, but boundaries aren’t being drawn along them.

