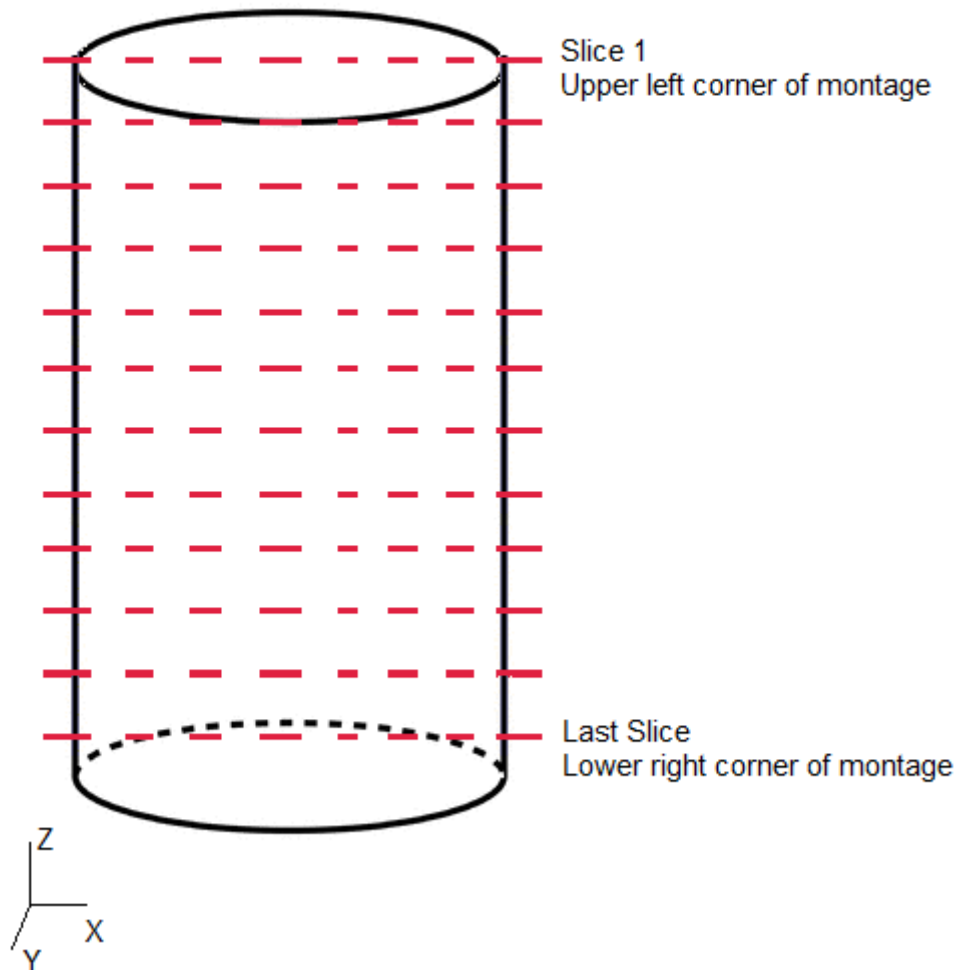


XY Computed Tomography Slice Montages of MIP 3H Core

Computed tomography scans performed with Toshiba Aquilion medical CT scanner at the National Energy Laboratory in Morgantown West Virginia, September 2015.



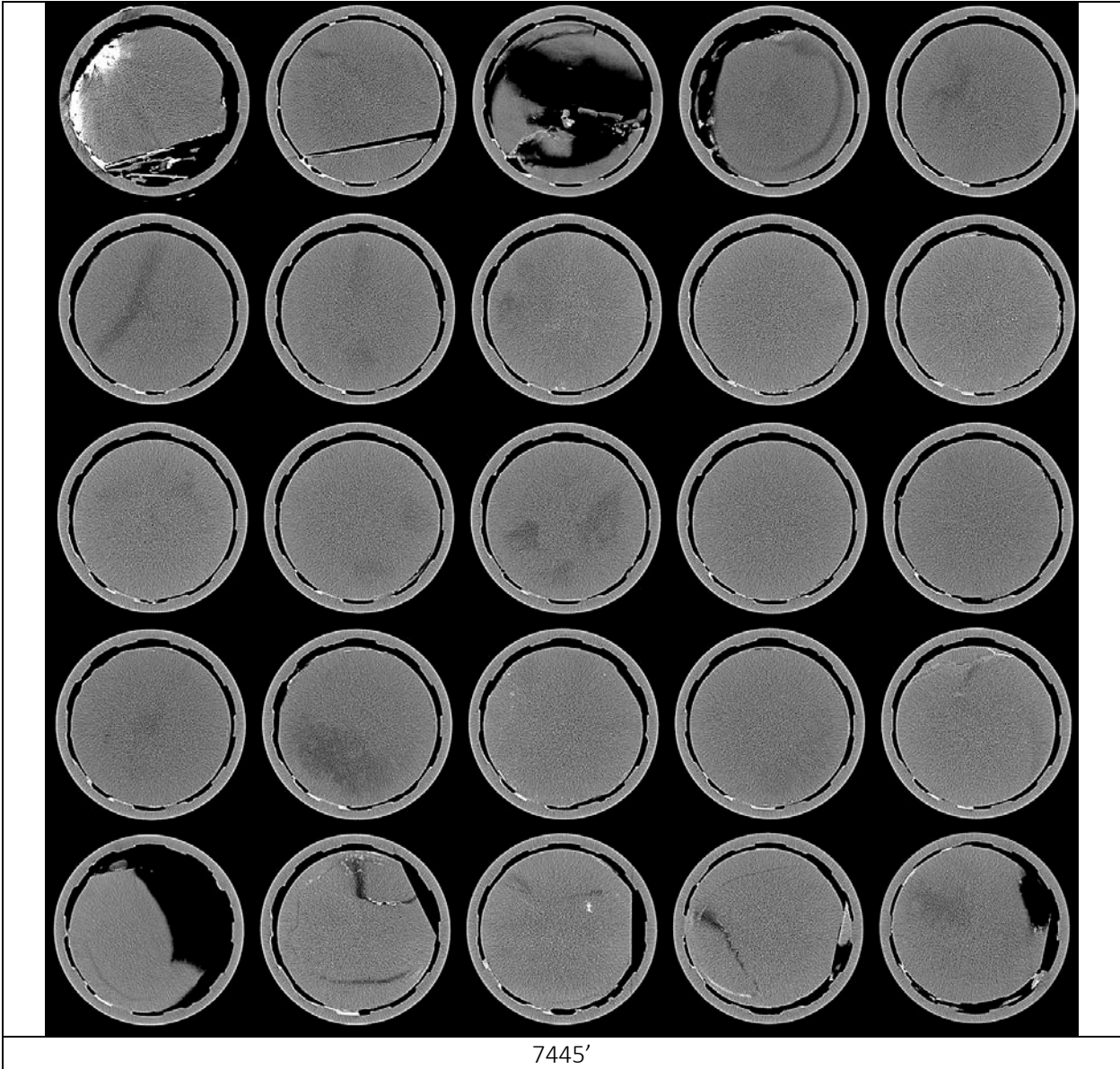
Images from each core tube shown along XY plane, as described in image above. Core diameter is 4" and space between images is ~38 mm.

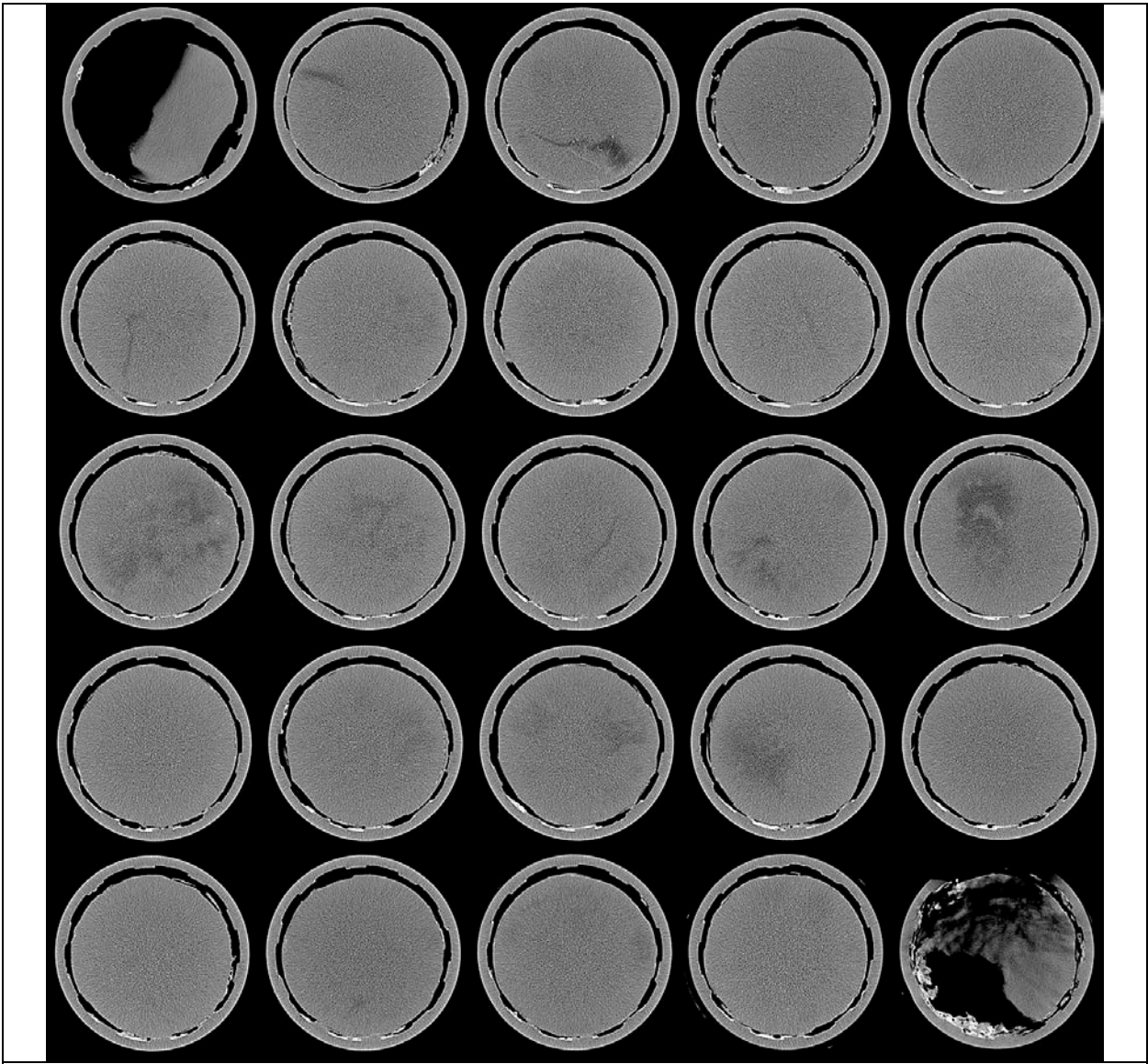
Reconstructed image resolution is 0.43 mm x 0.43 mm x 0.5 mm (X – Y – Z).

Scan properties of 200mA, 135 kV, and a data collection diameter of 240 mm was used with helical detector rotation/acquisition.

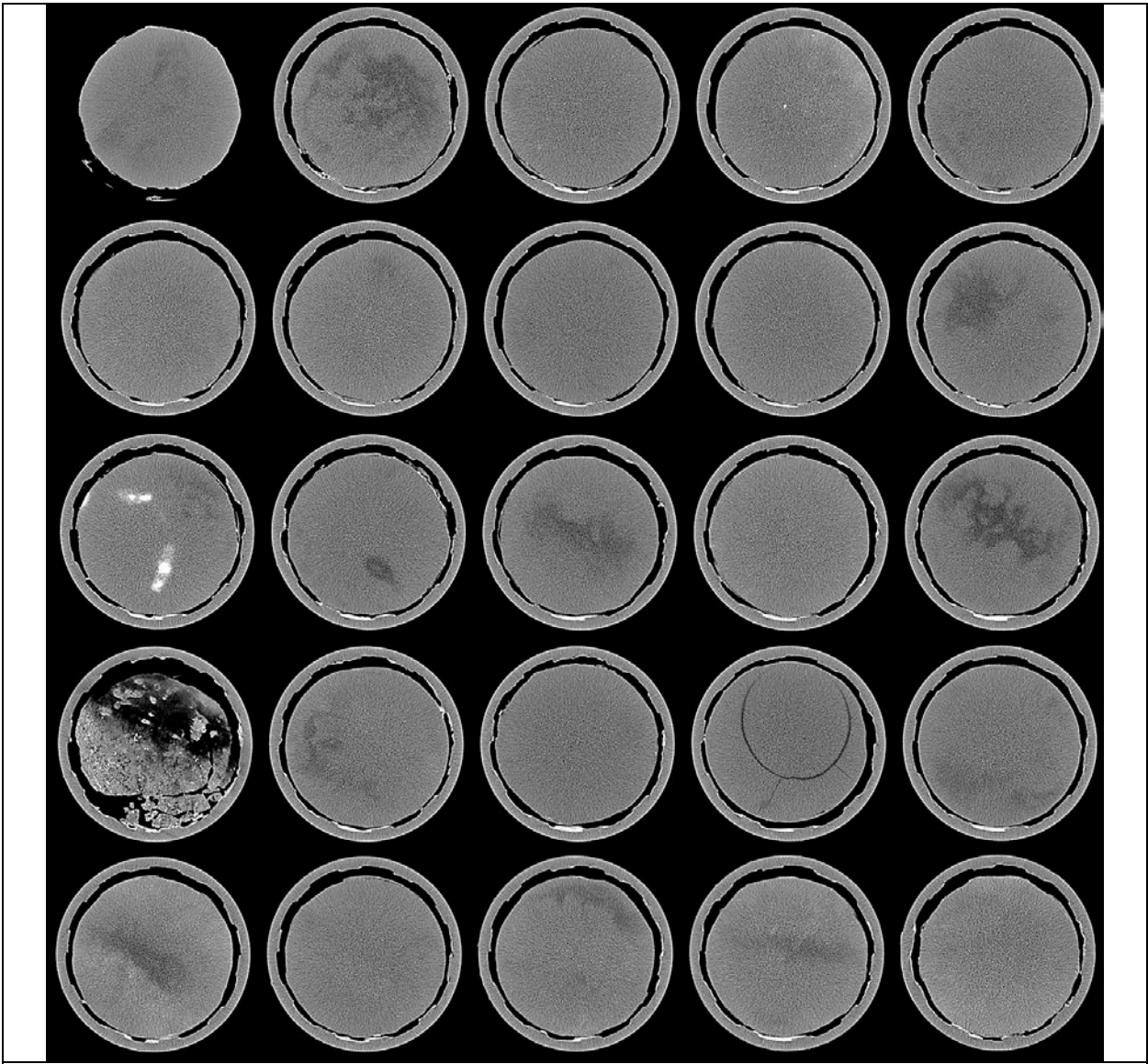
16 bit greyscale tif images set to a contrast range of 750 to 3250 and saved as jpgs to preserve contrast between individual scans.

Black/dark regions are low attenuating material (i.e. fractures and air) and white/bright regions are high attenuating material (e.g. high density minerals).

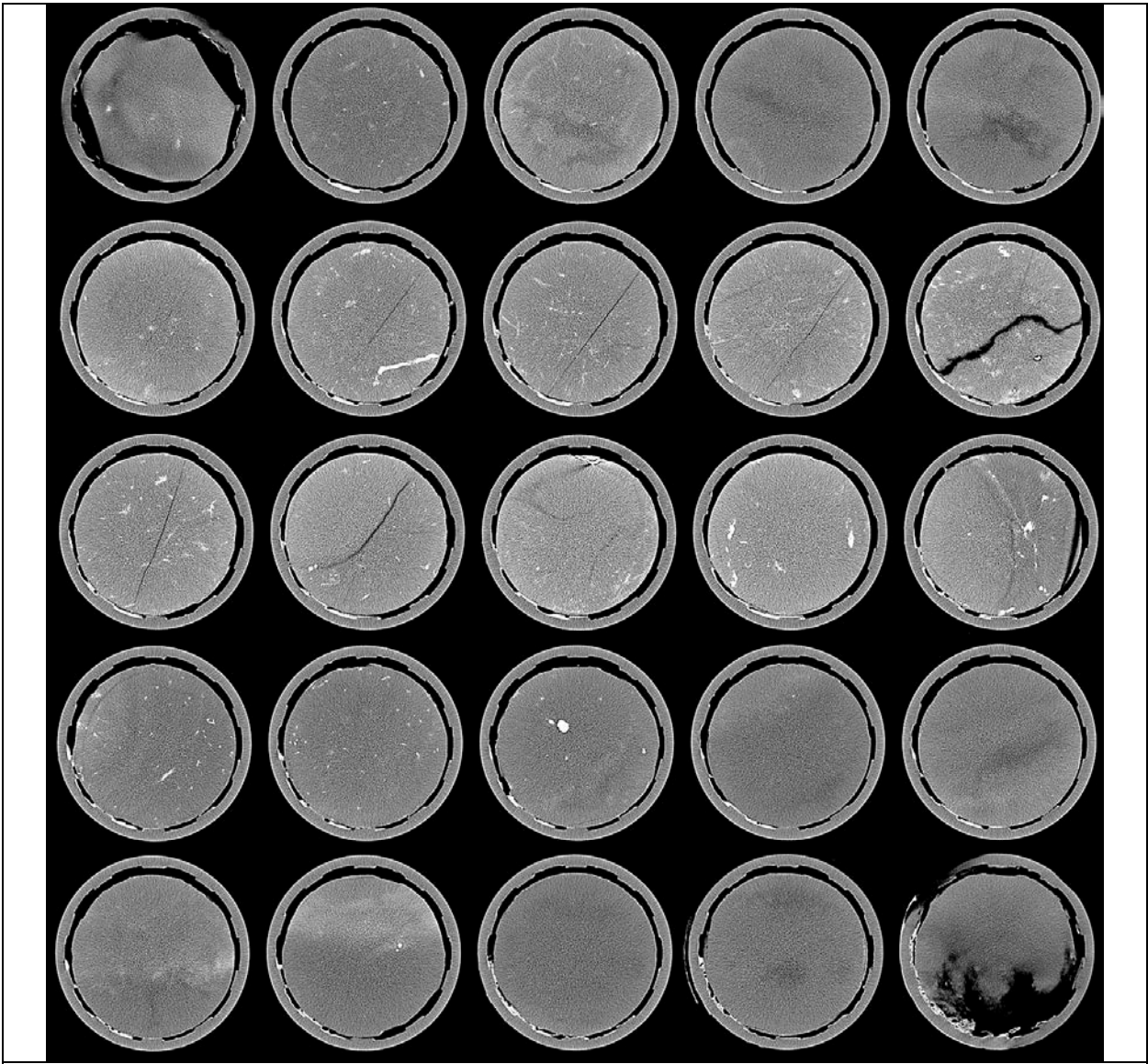




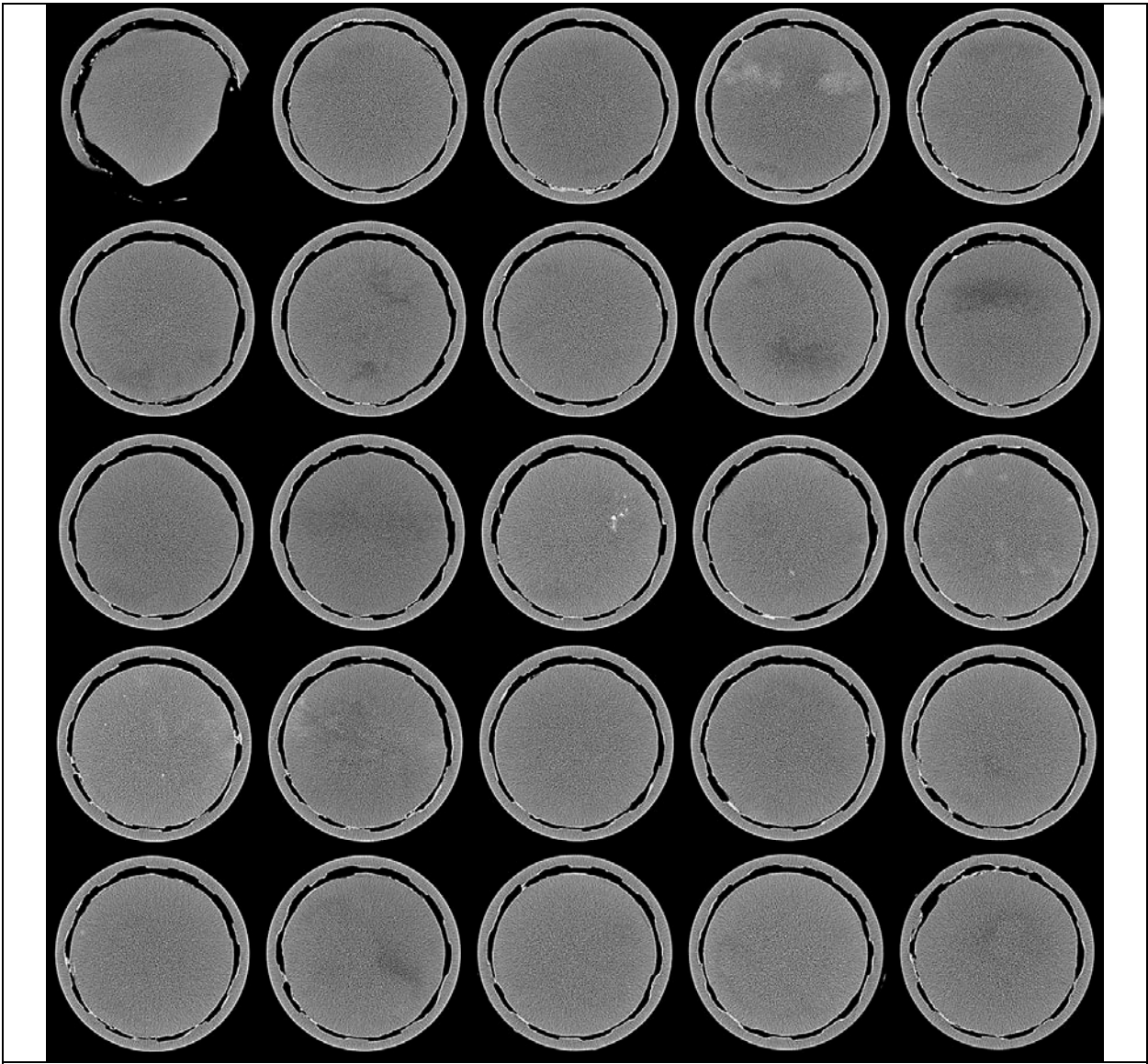
7448'



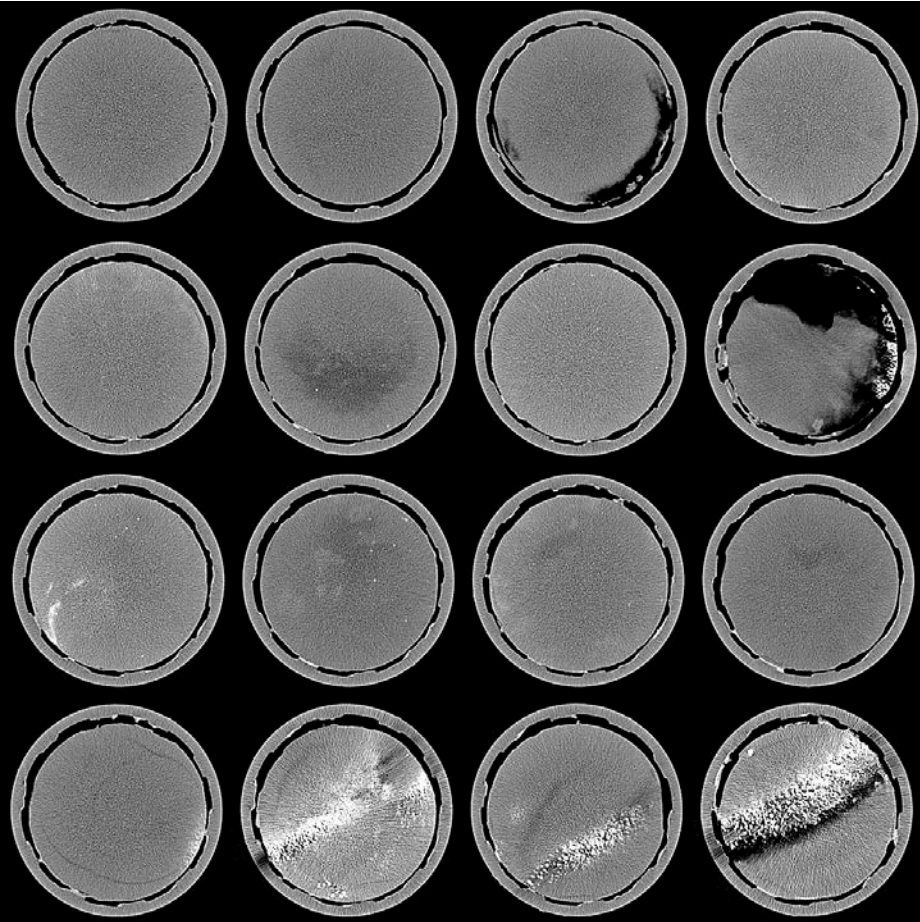
7451'



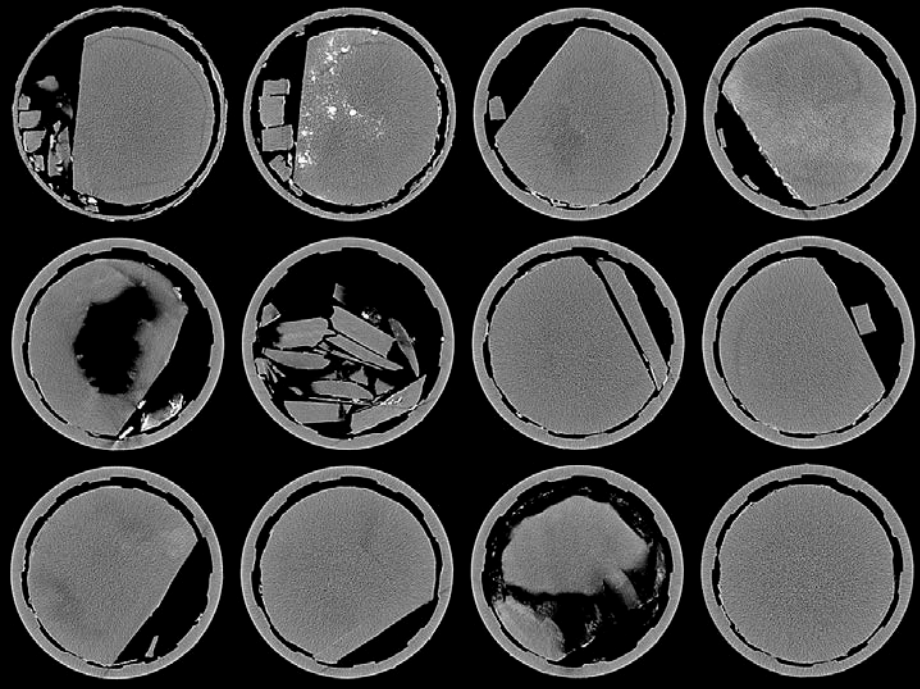
7454'



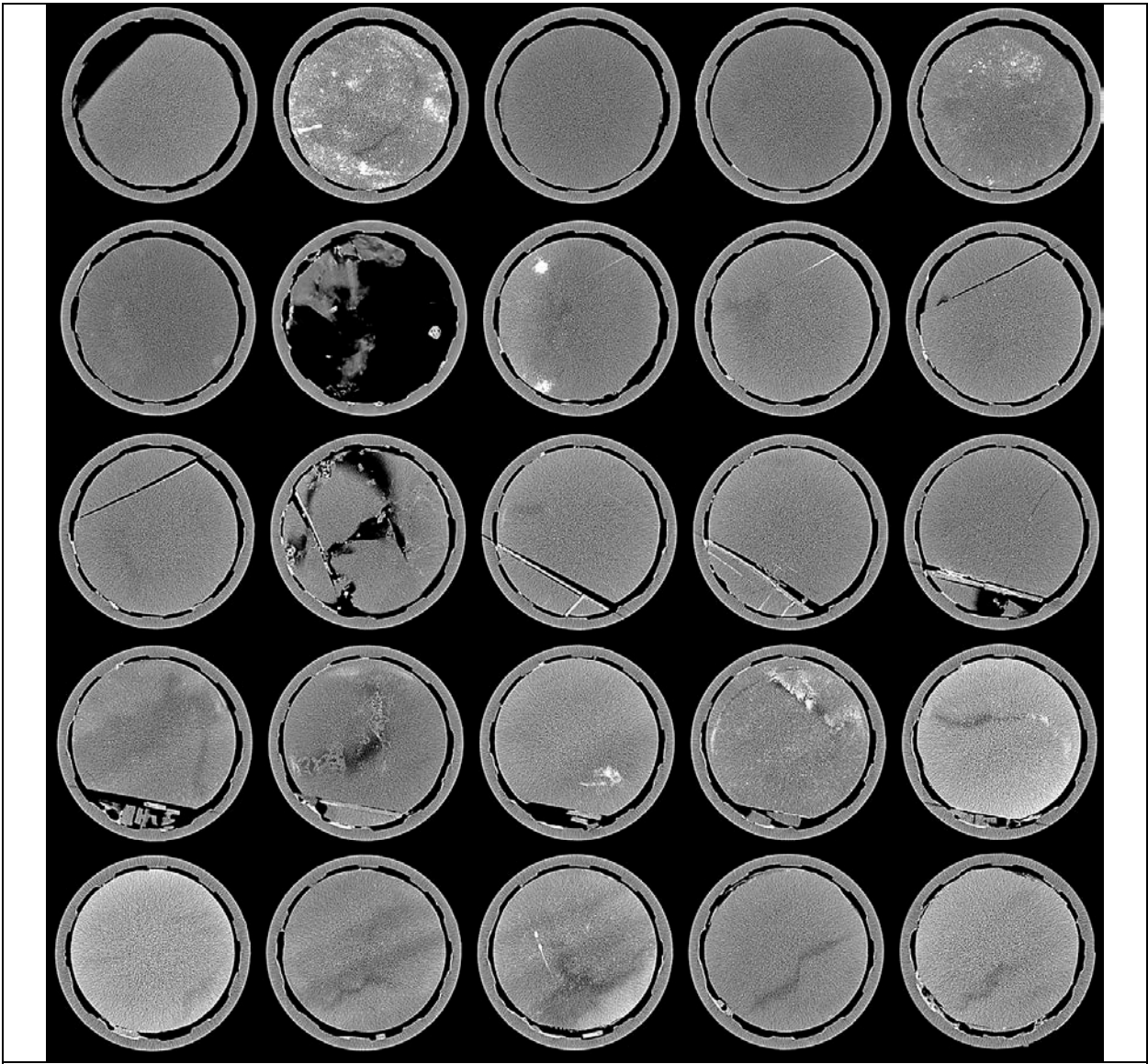
7457'



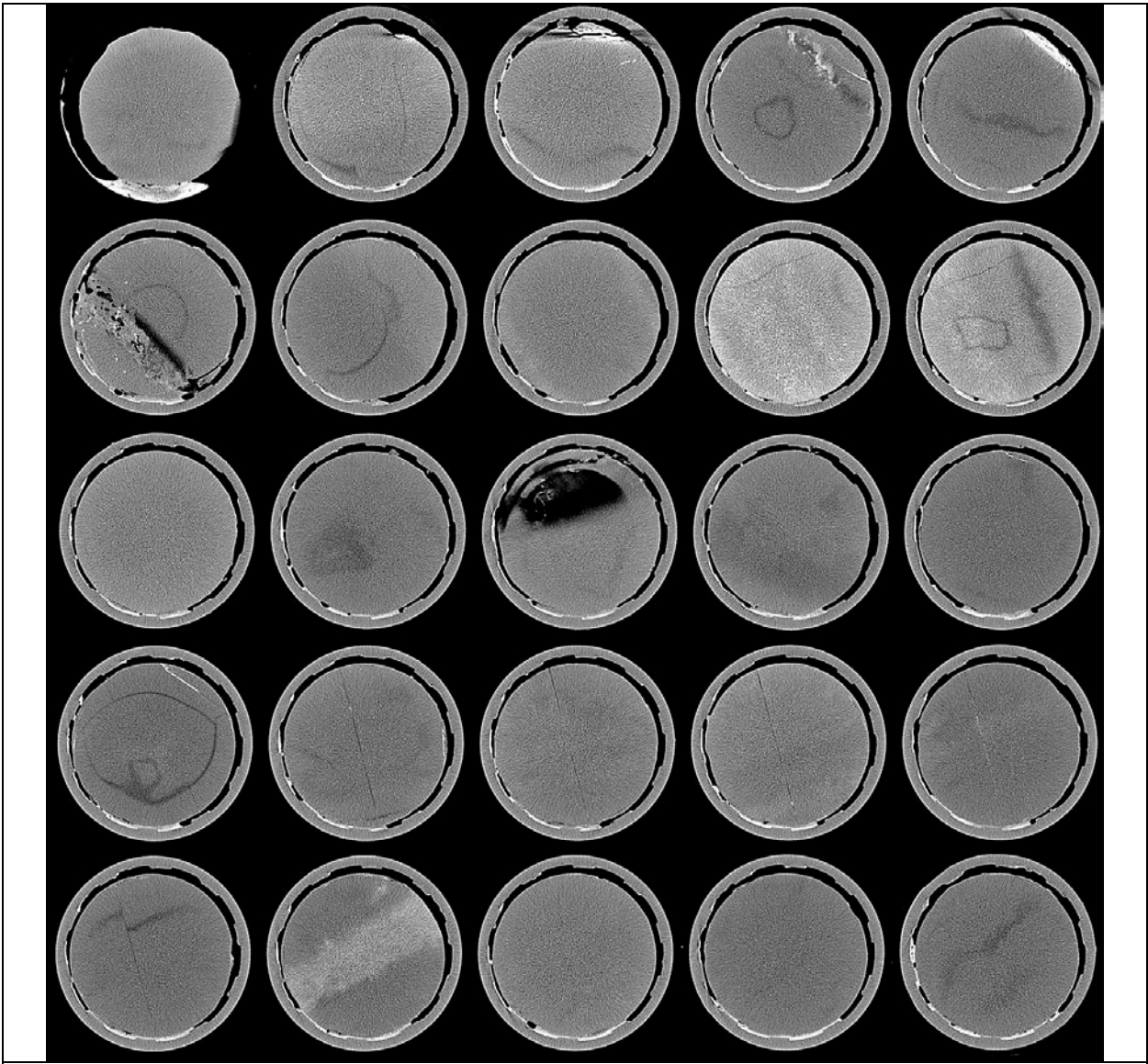
7460'



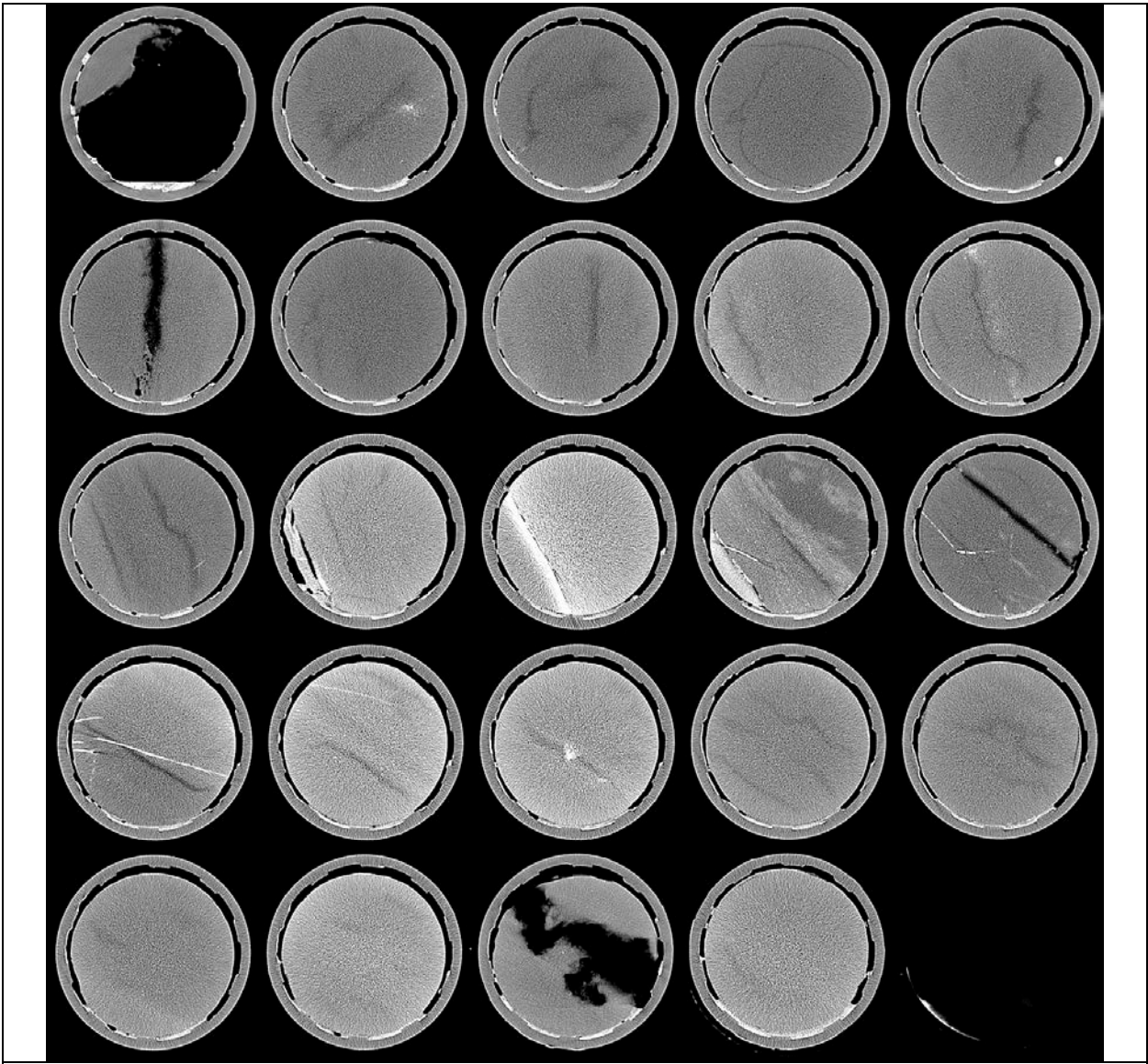
7462'



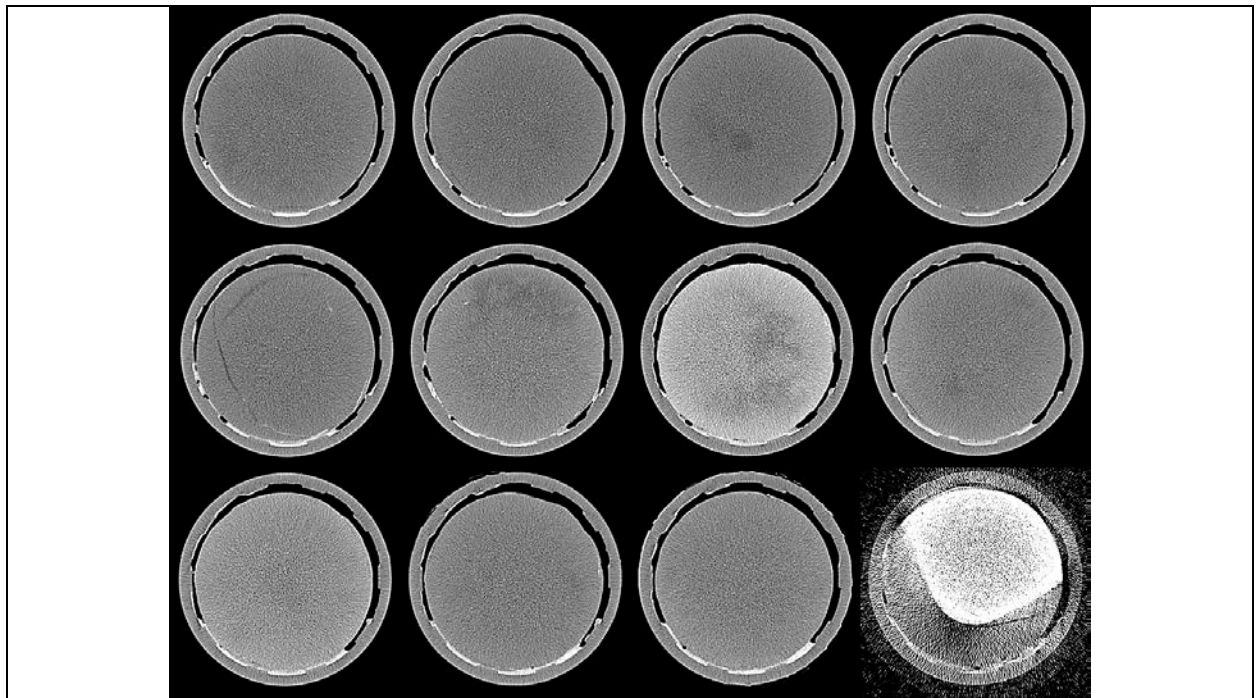
7464'



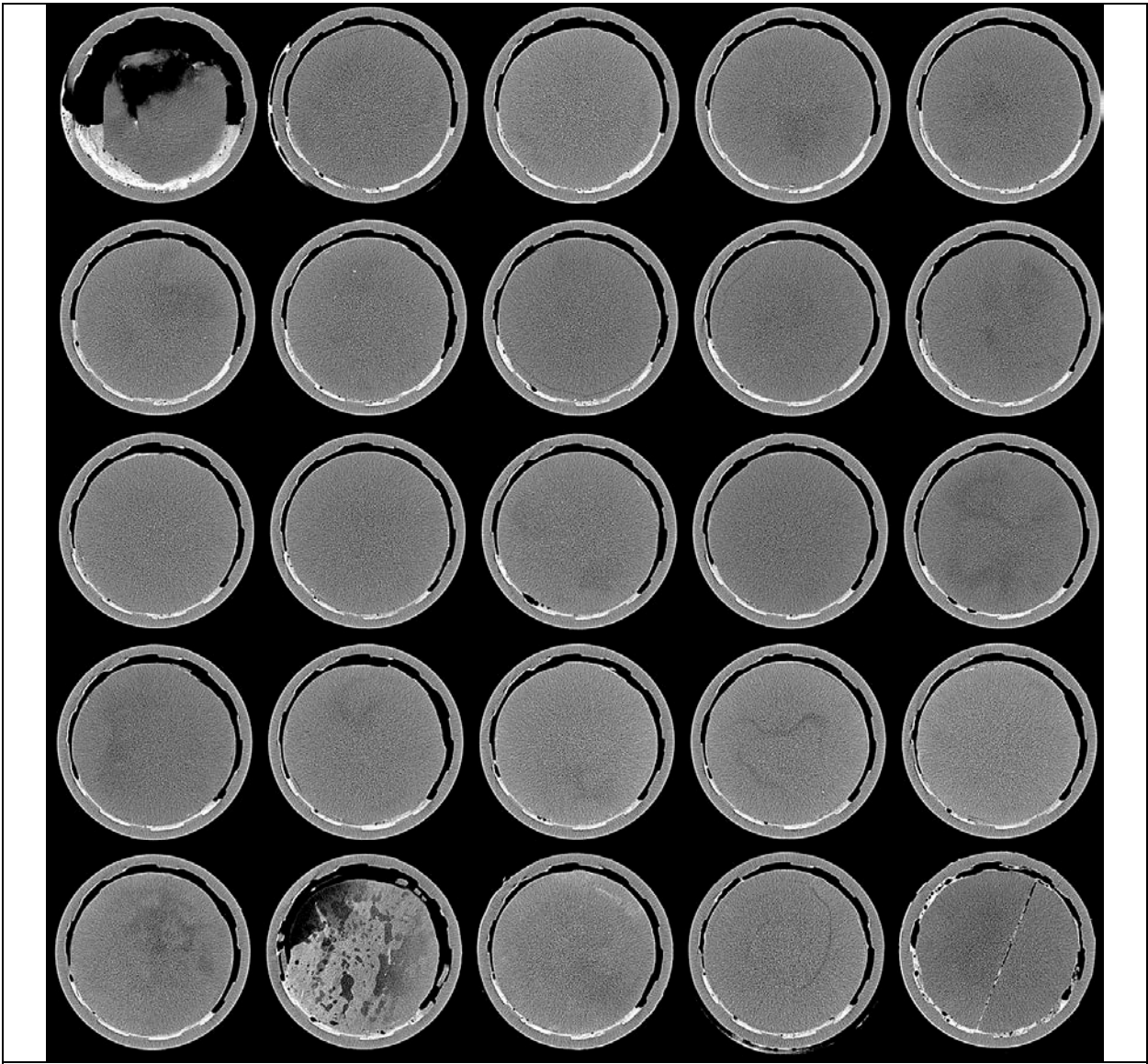
7467'



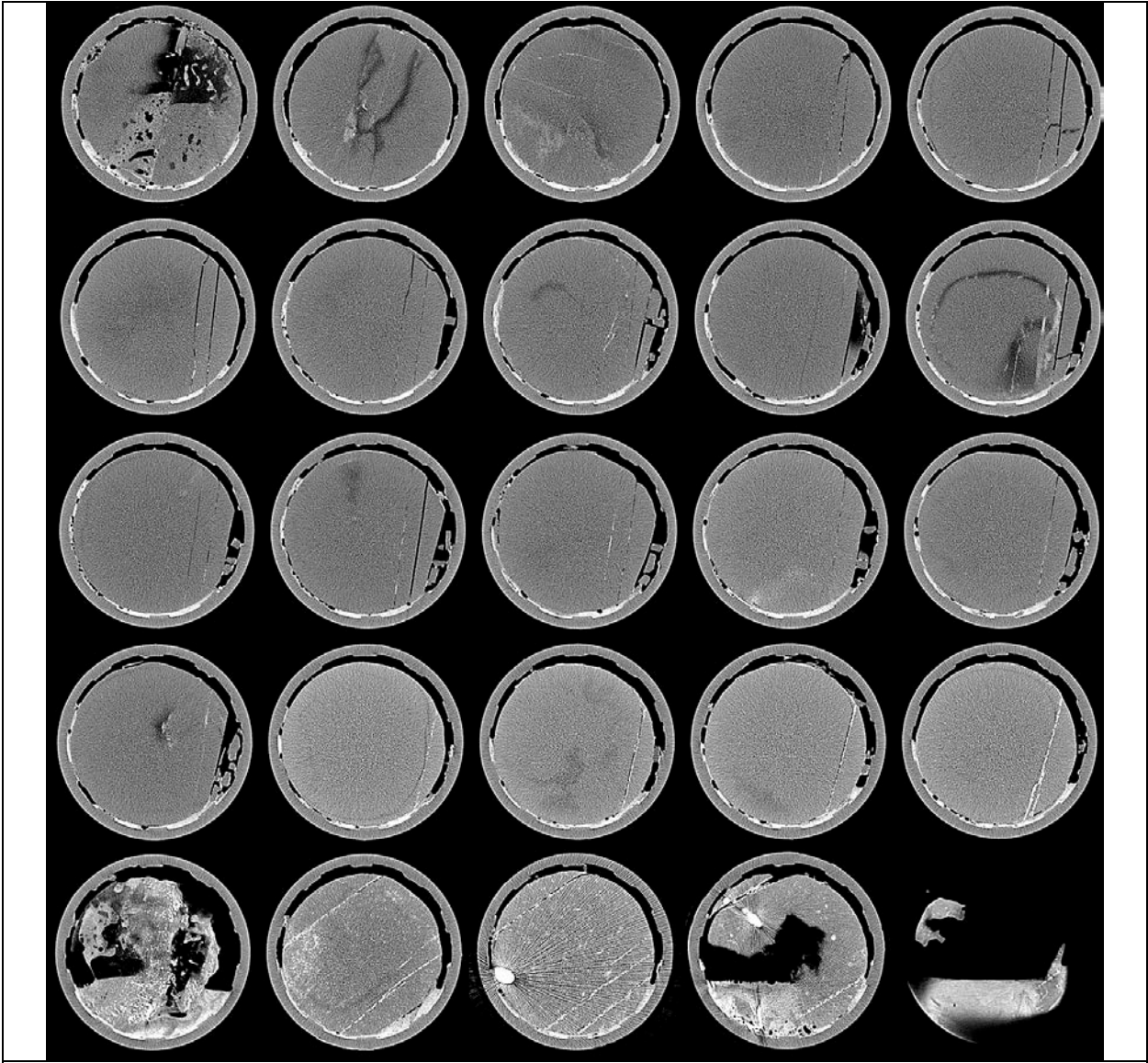
7470'



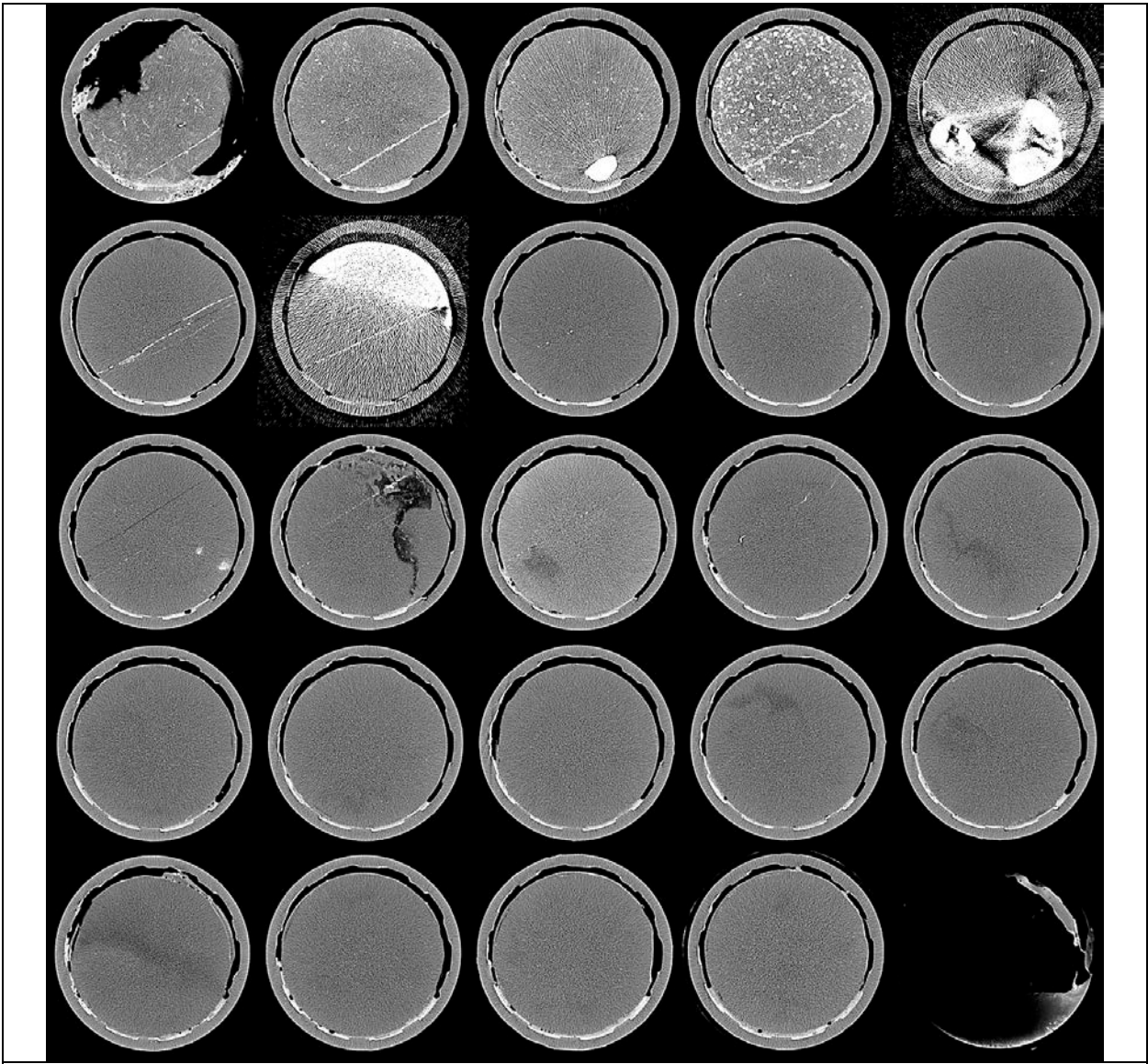
7473'



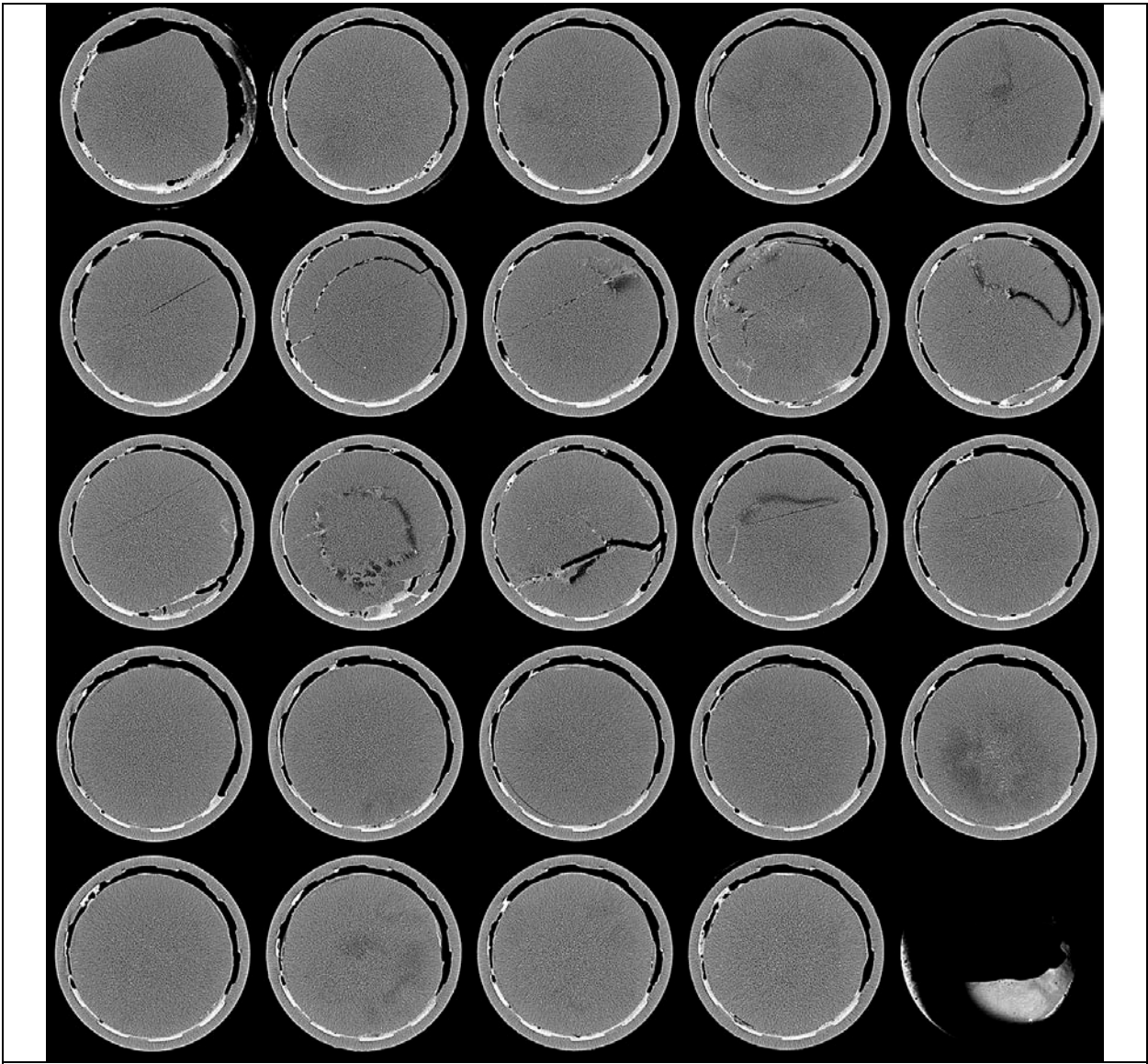
7476'



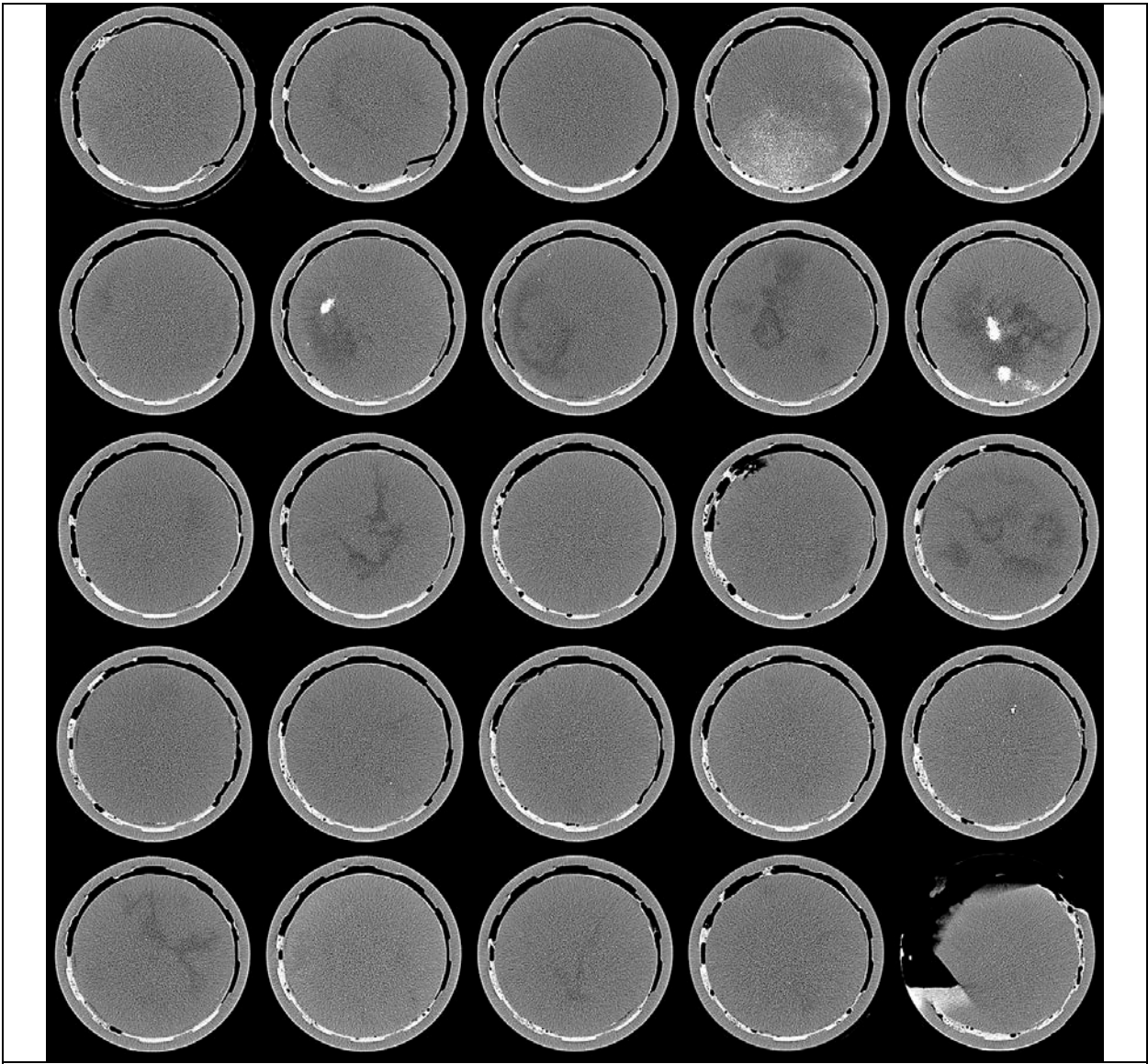
7479'



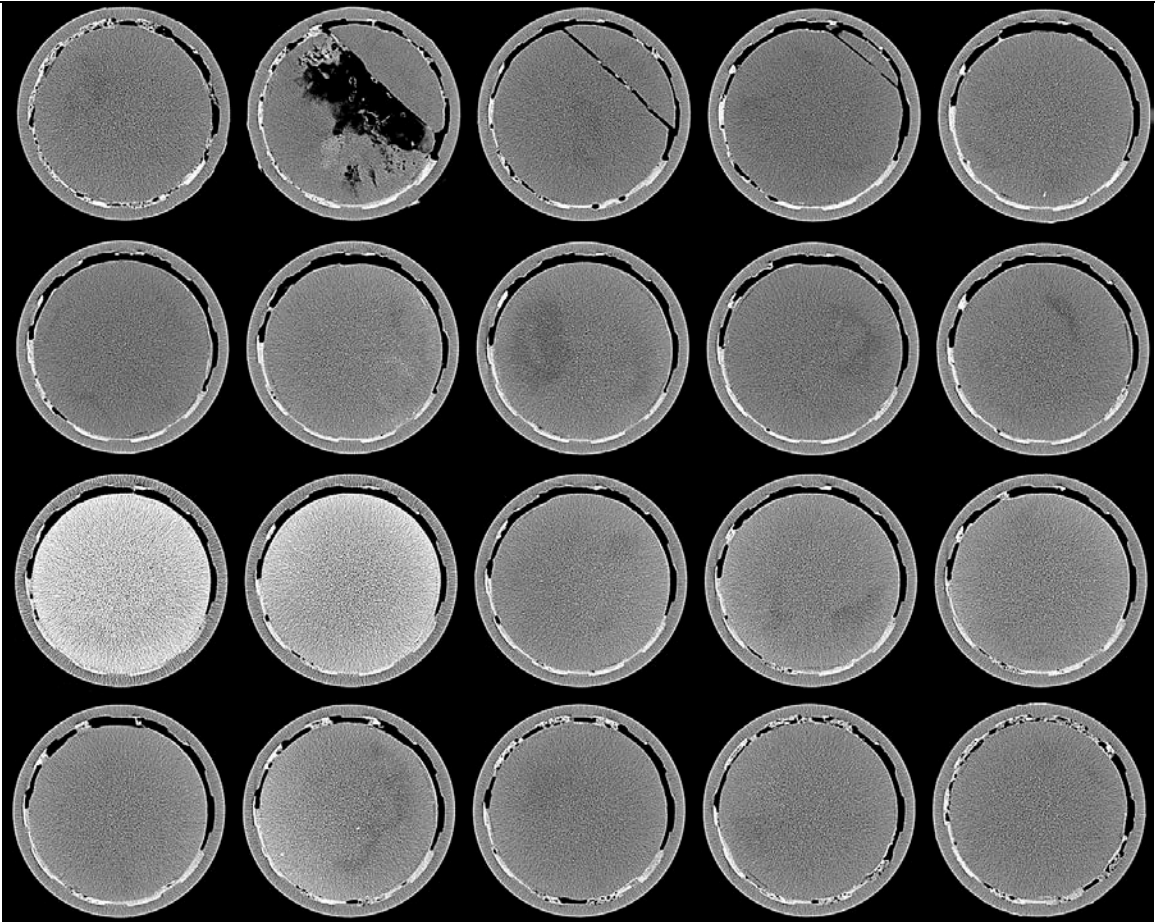
7482'



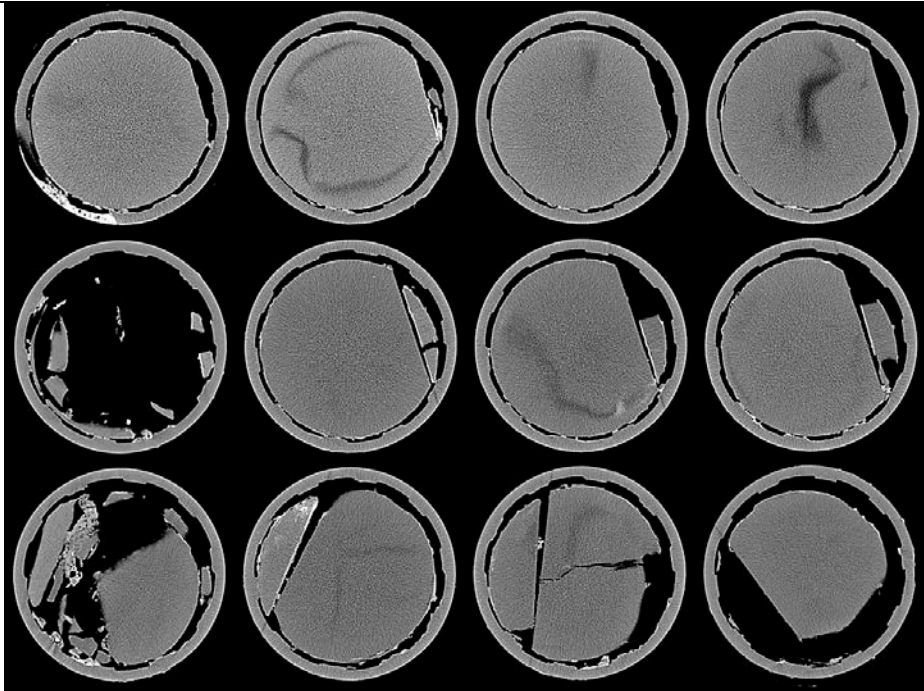
7485'



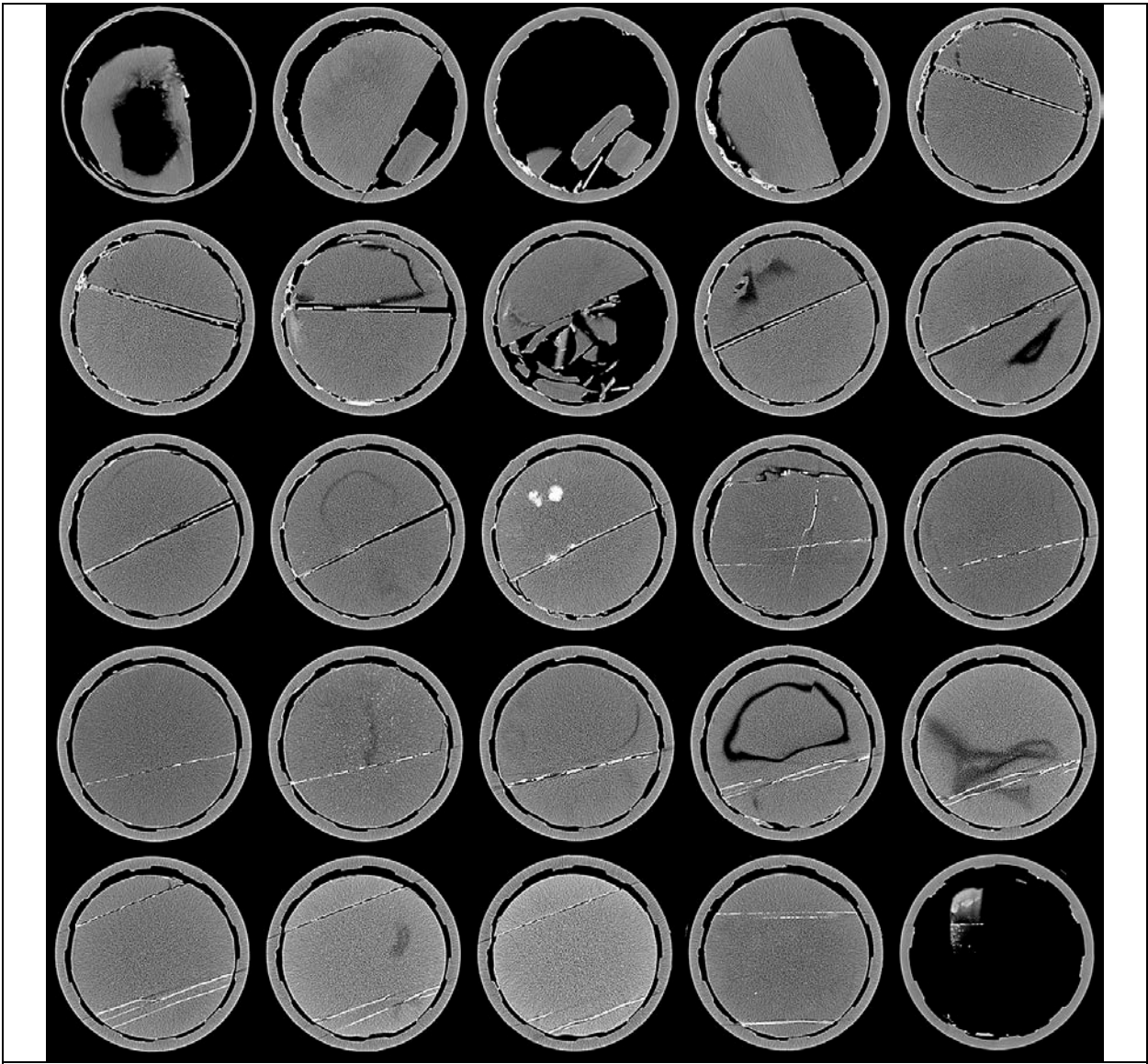
7488'



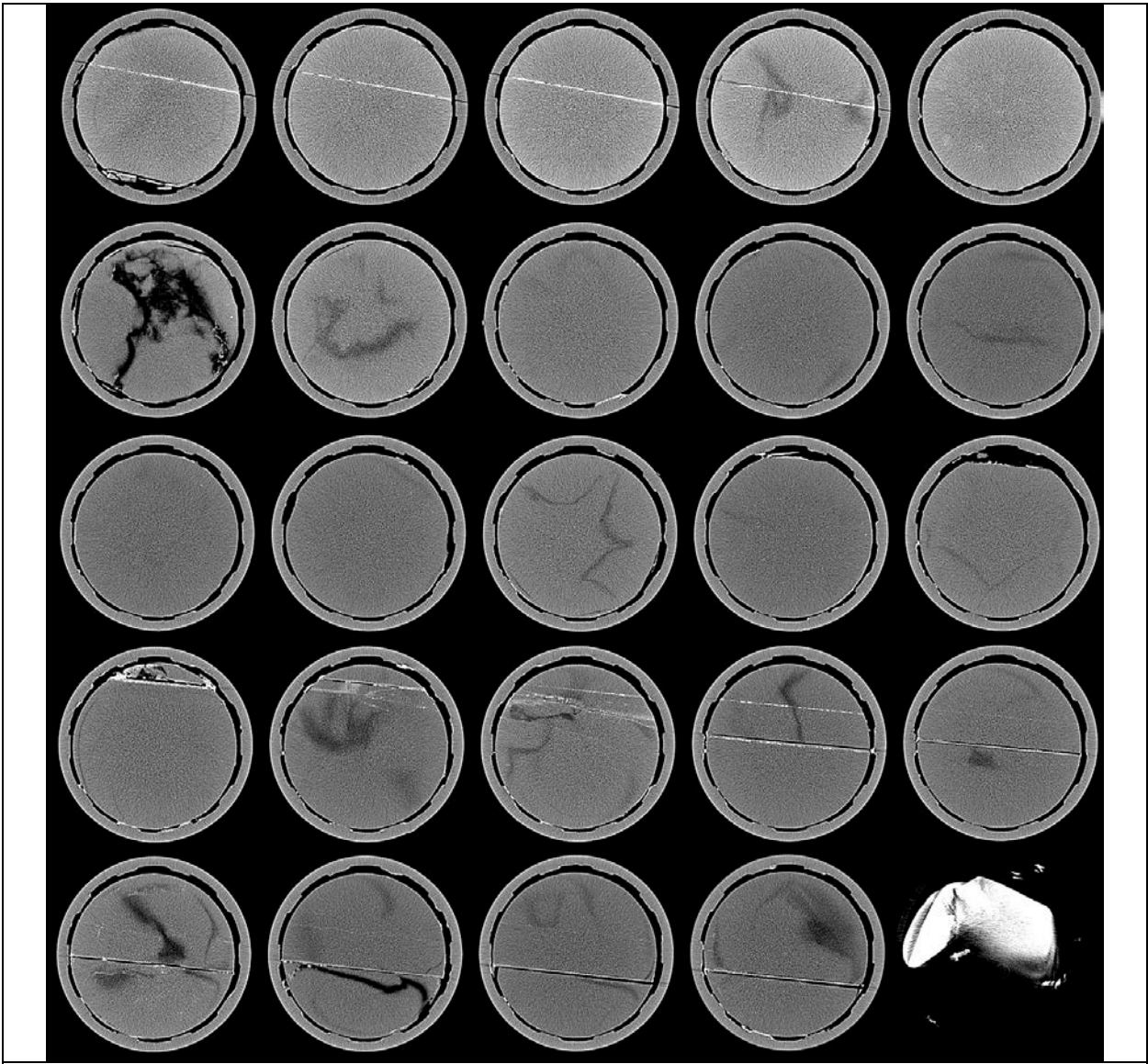
7491'



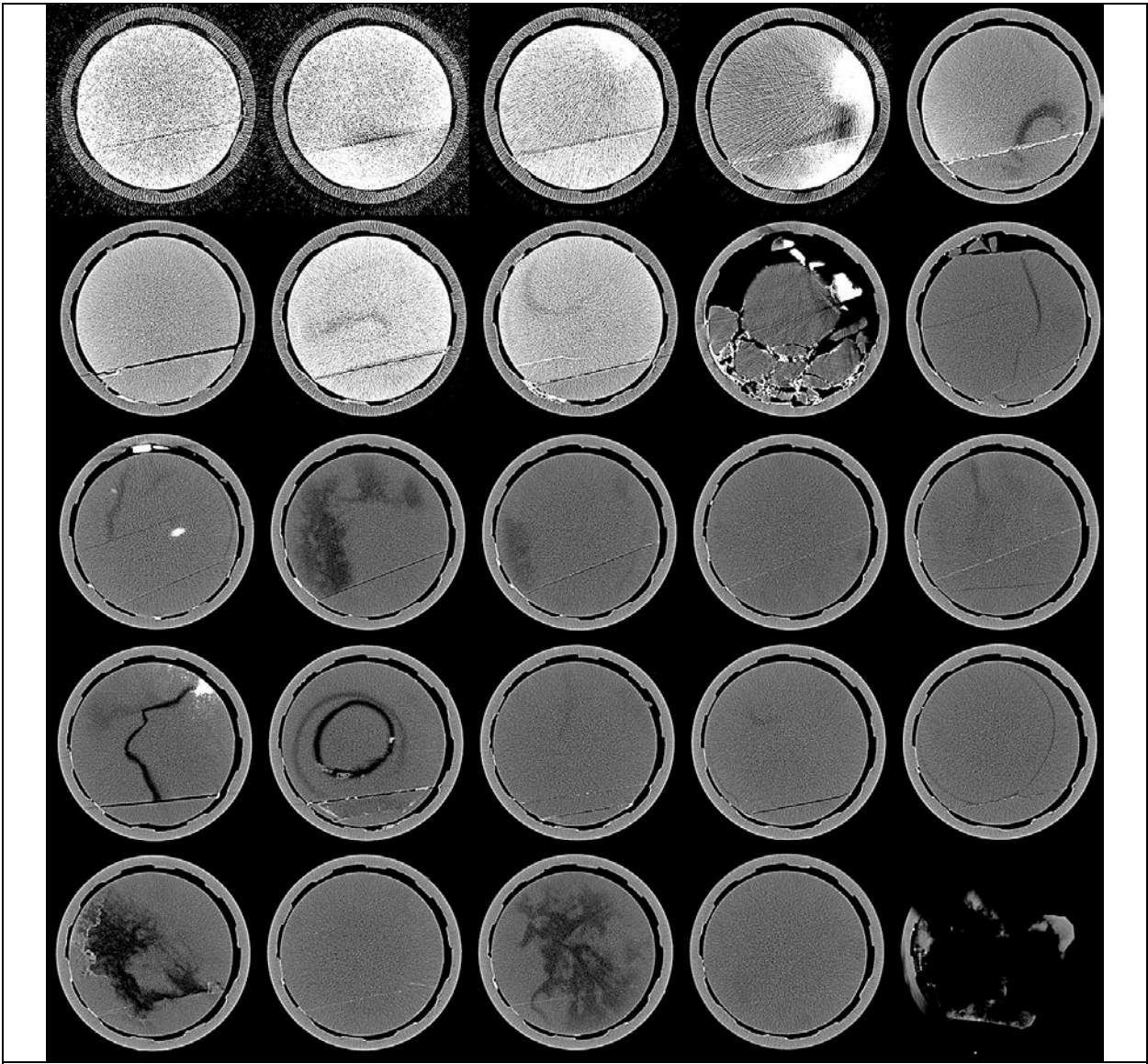
7493.25'



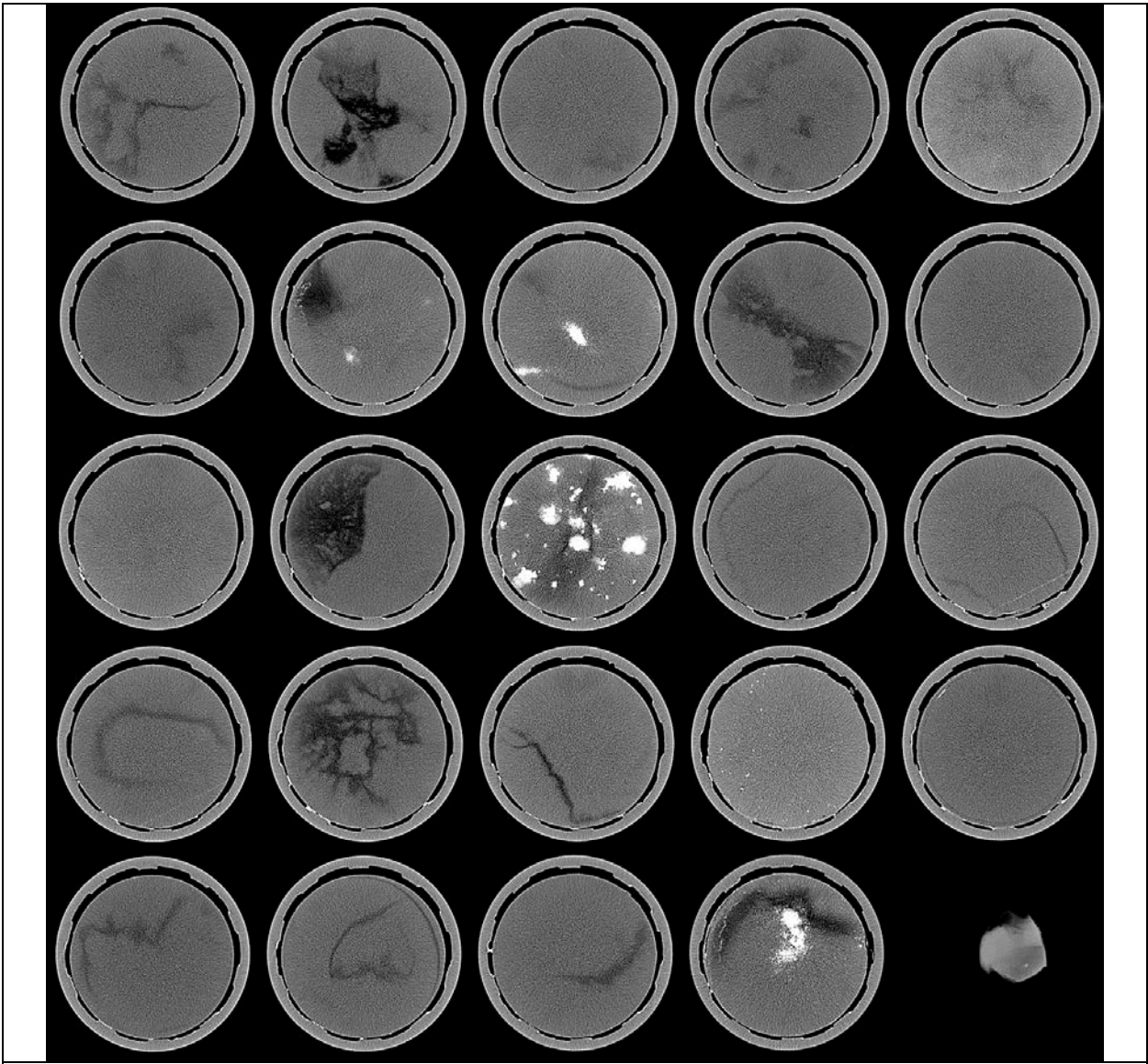
7495'



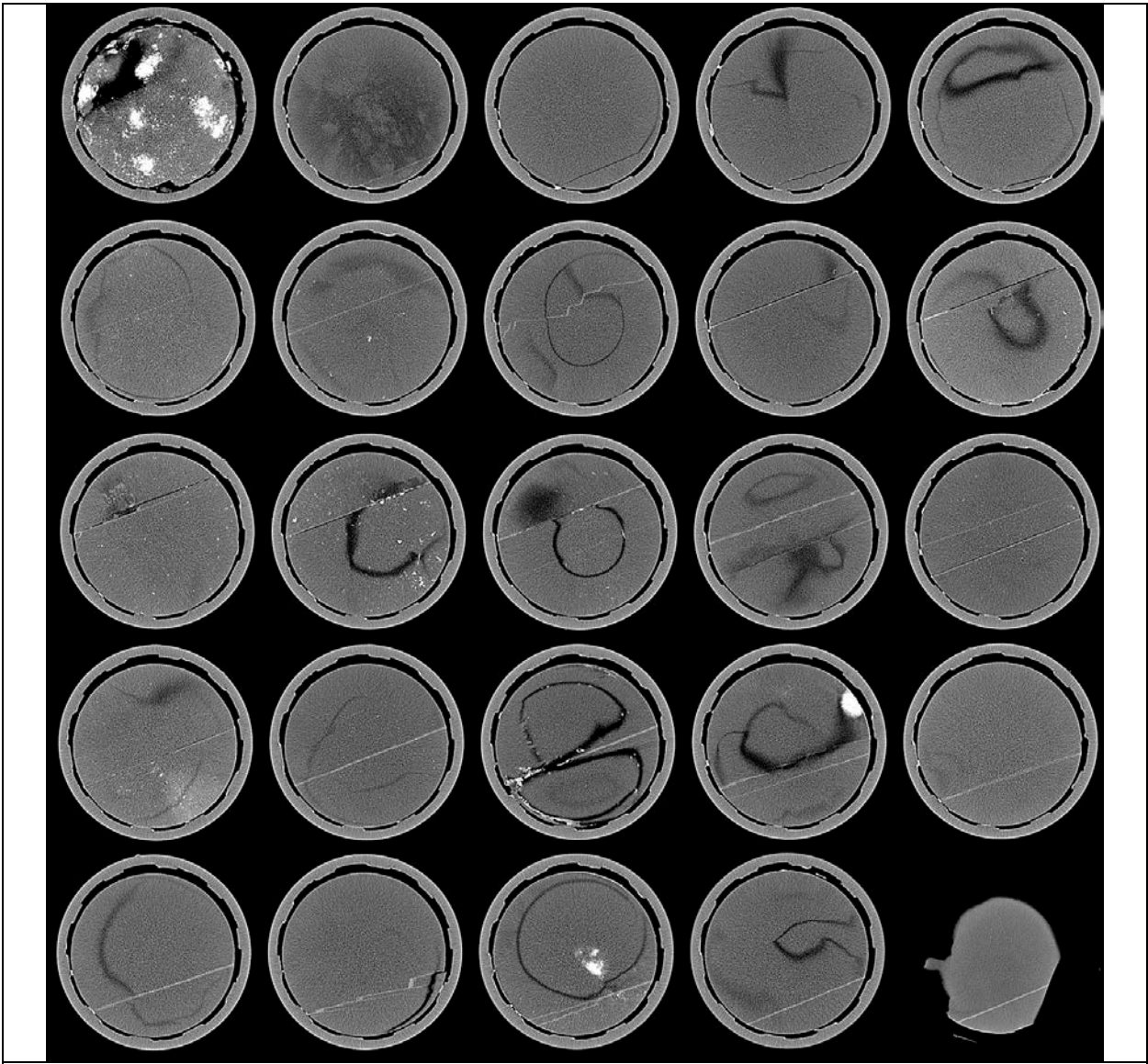
7498'



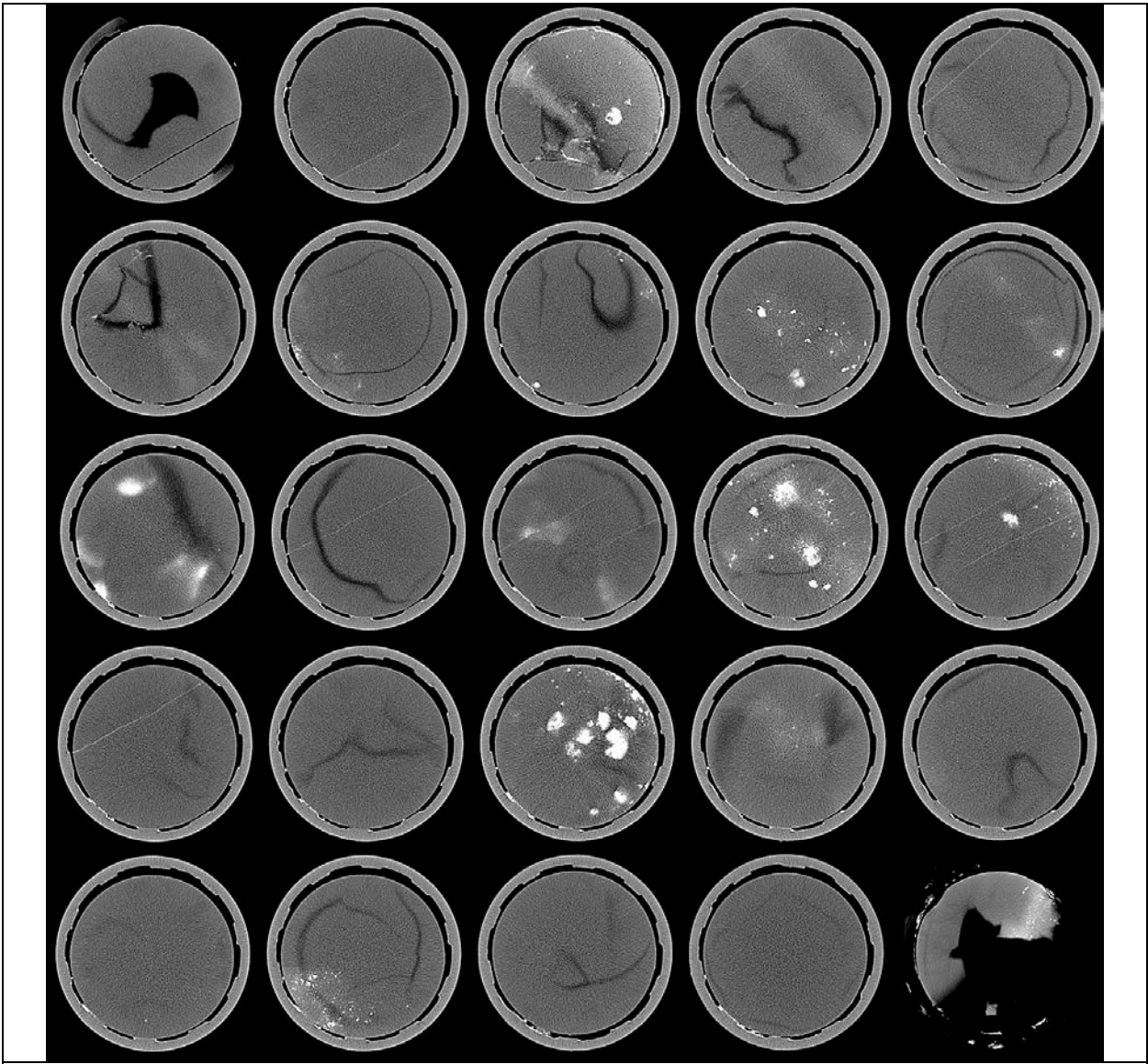
7501'



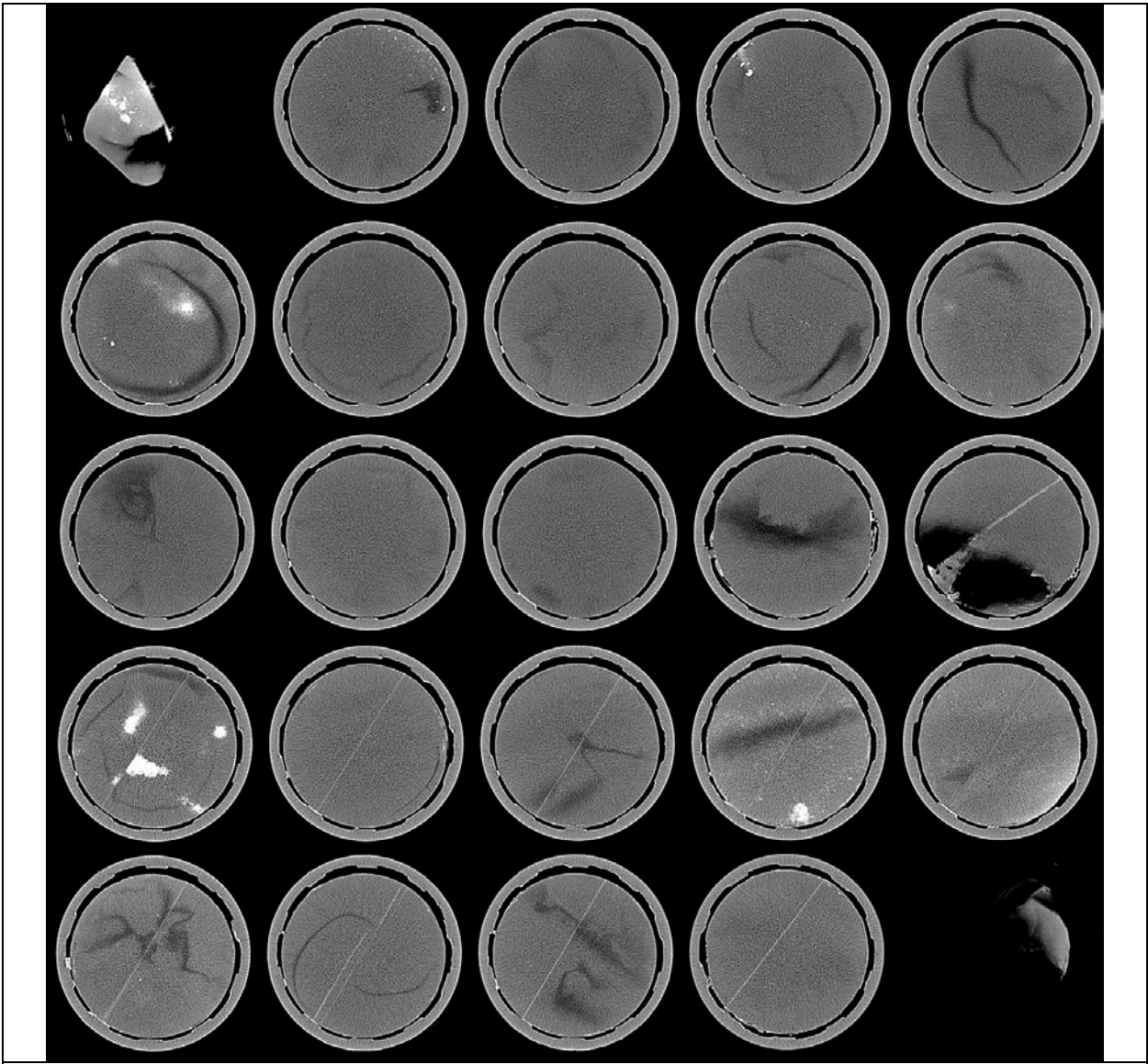
7504'



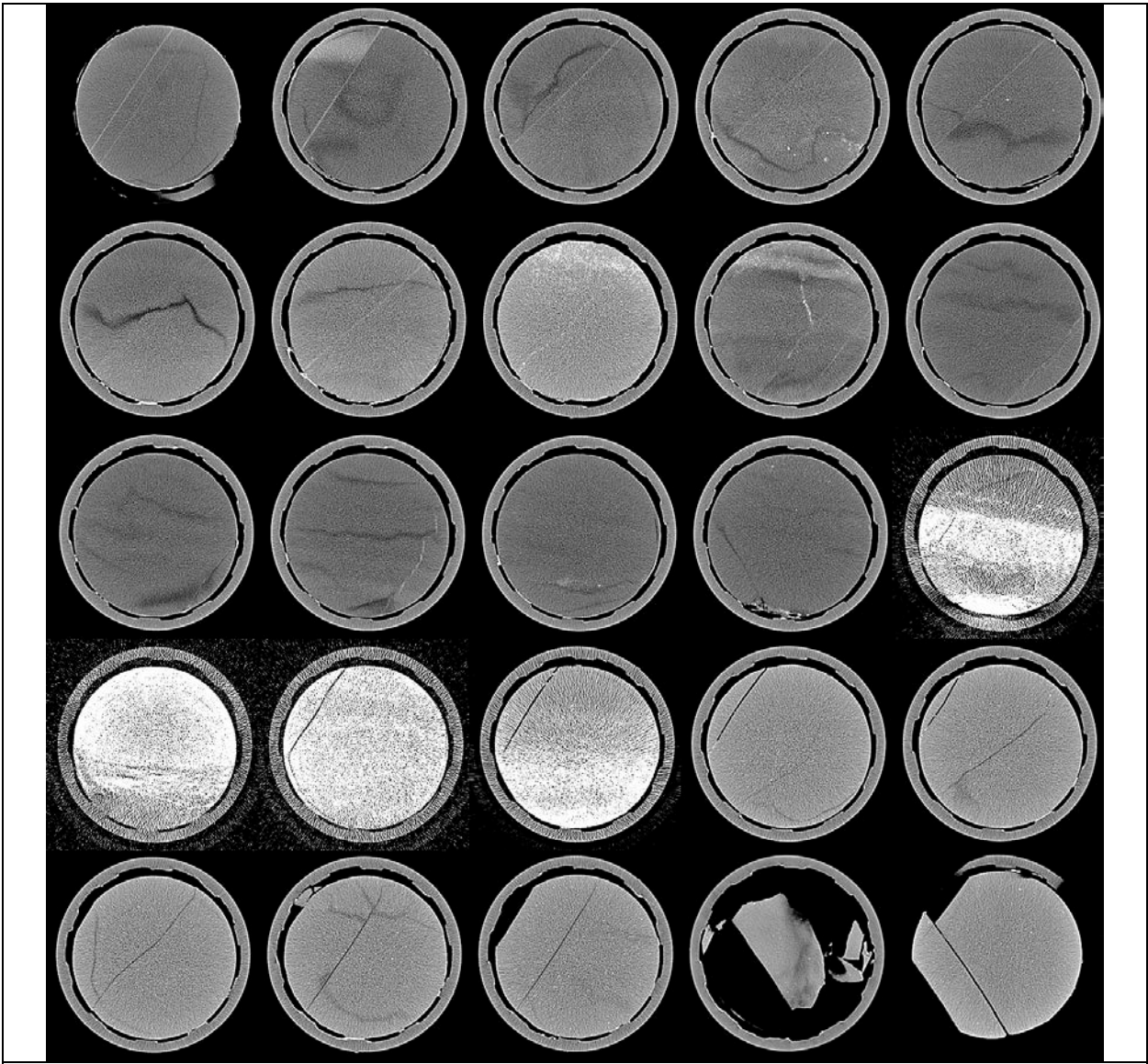
7507'



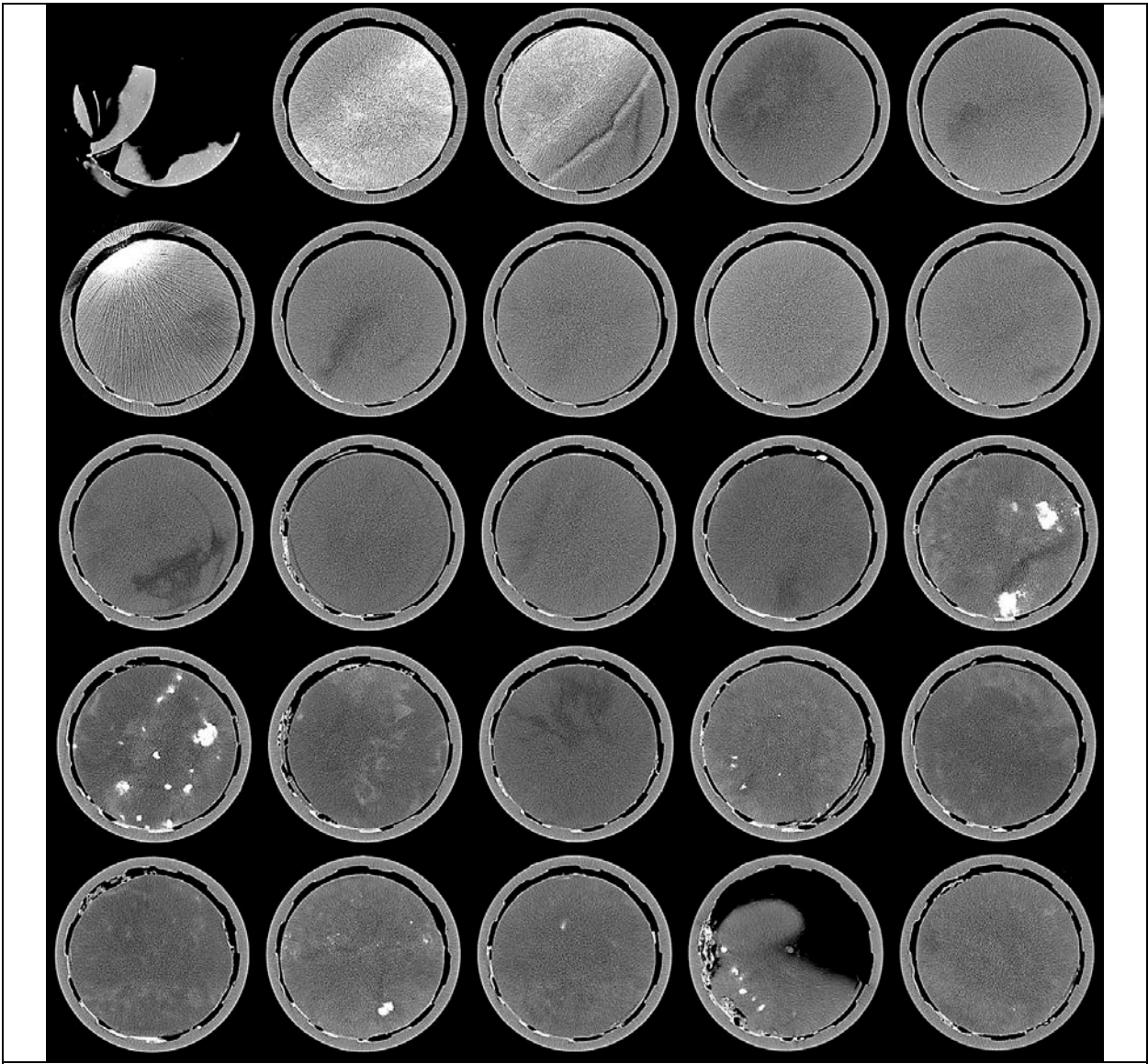
7510'



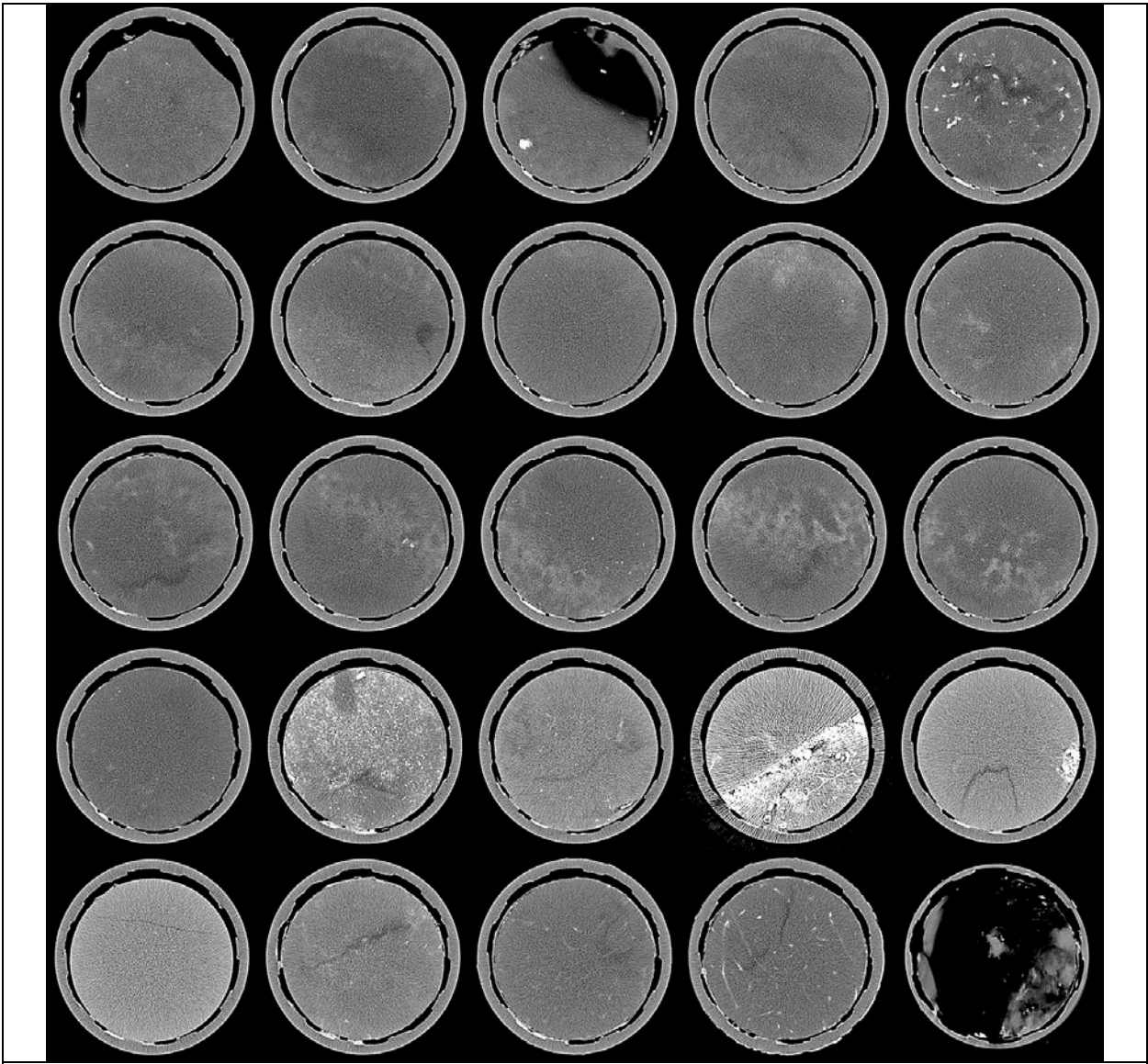
7513'



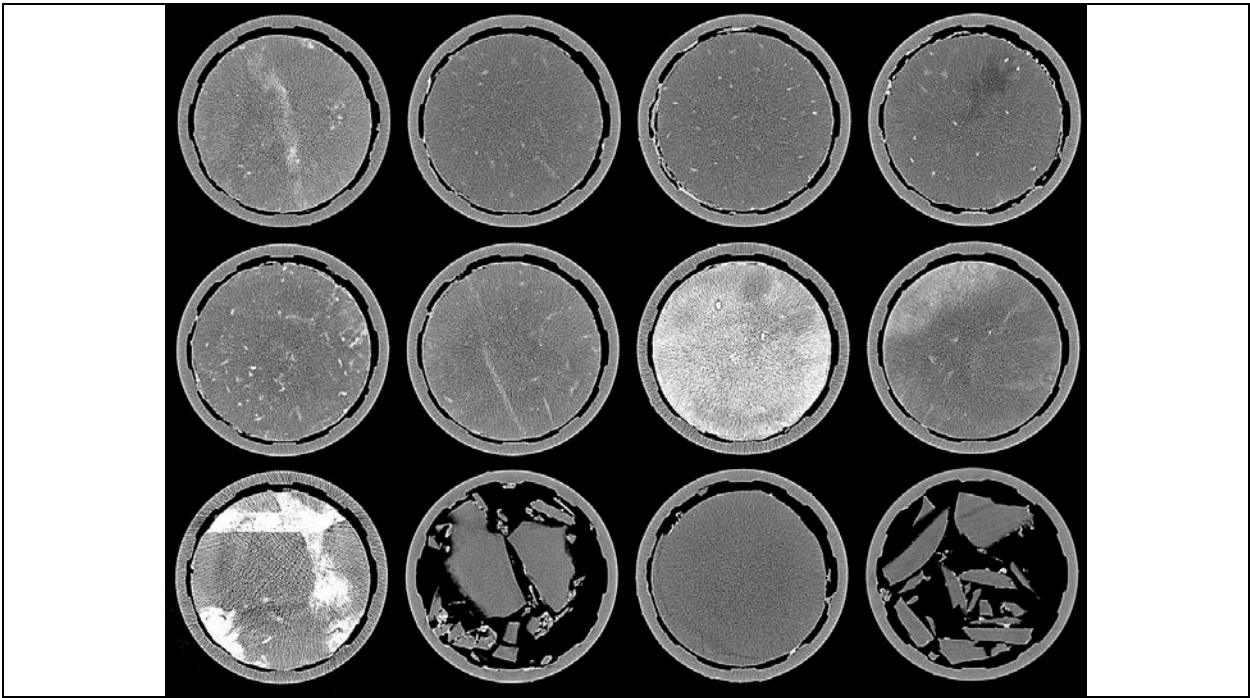
7516'



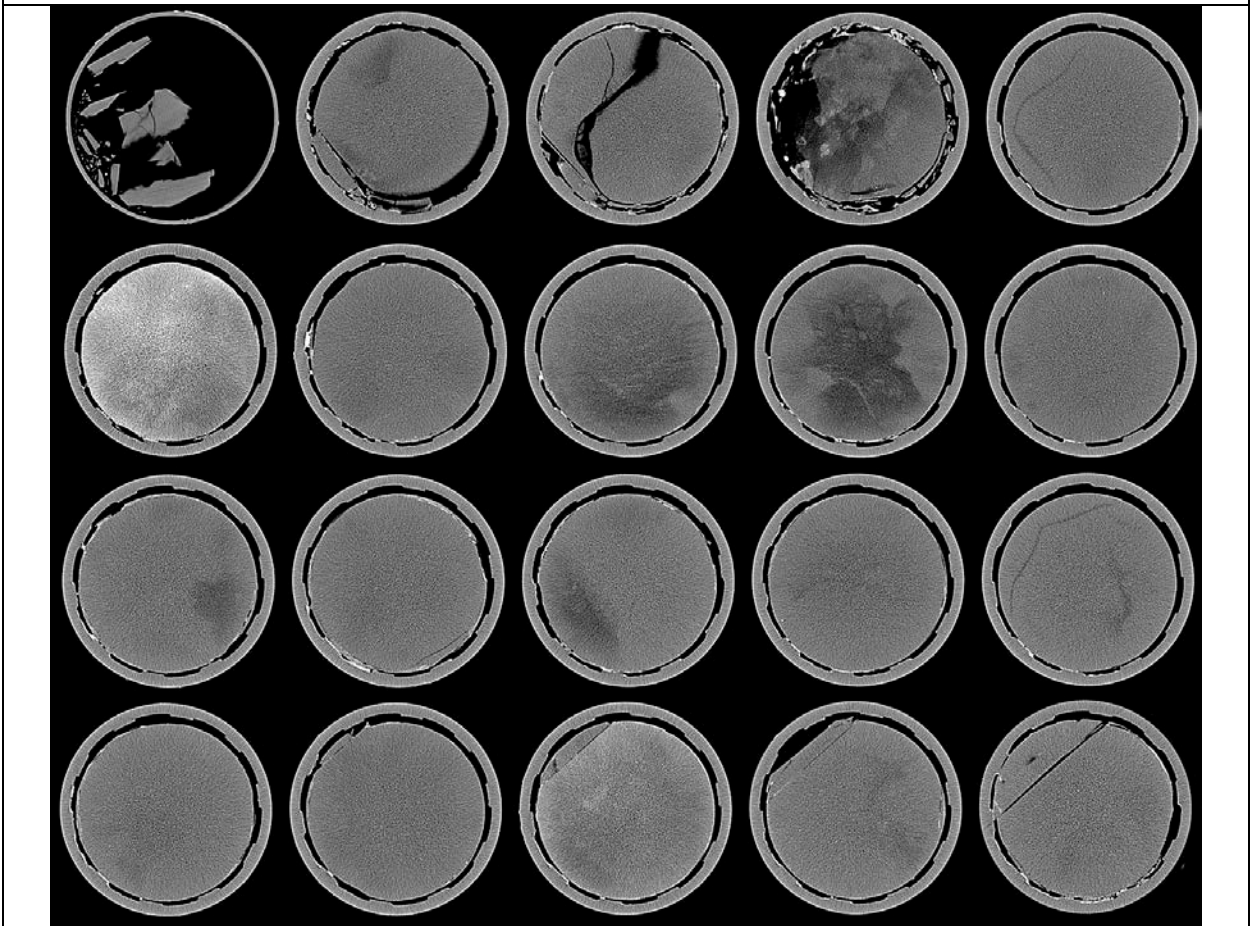
7519'



7522'



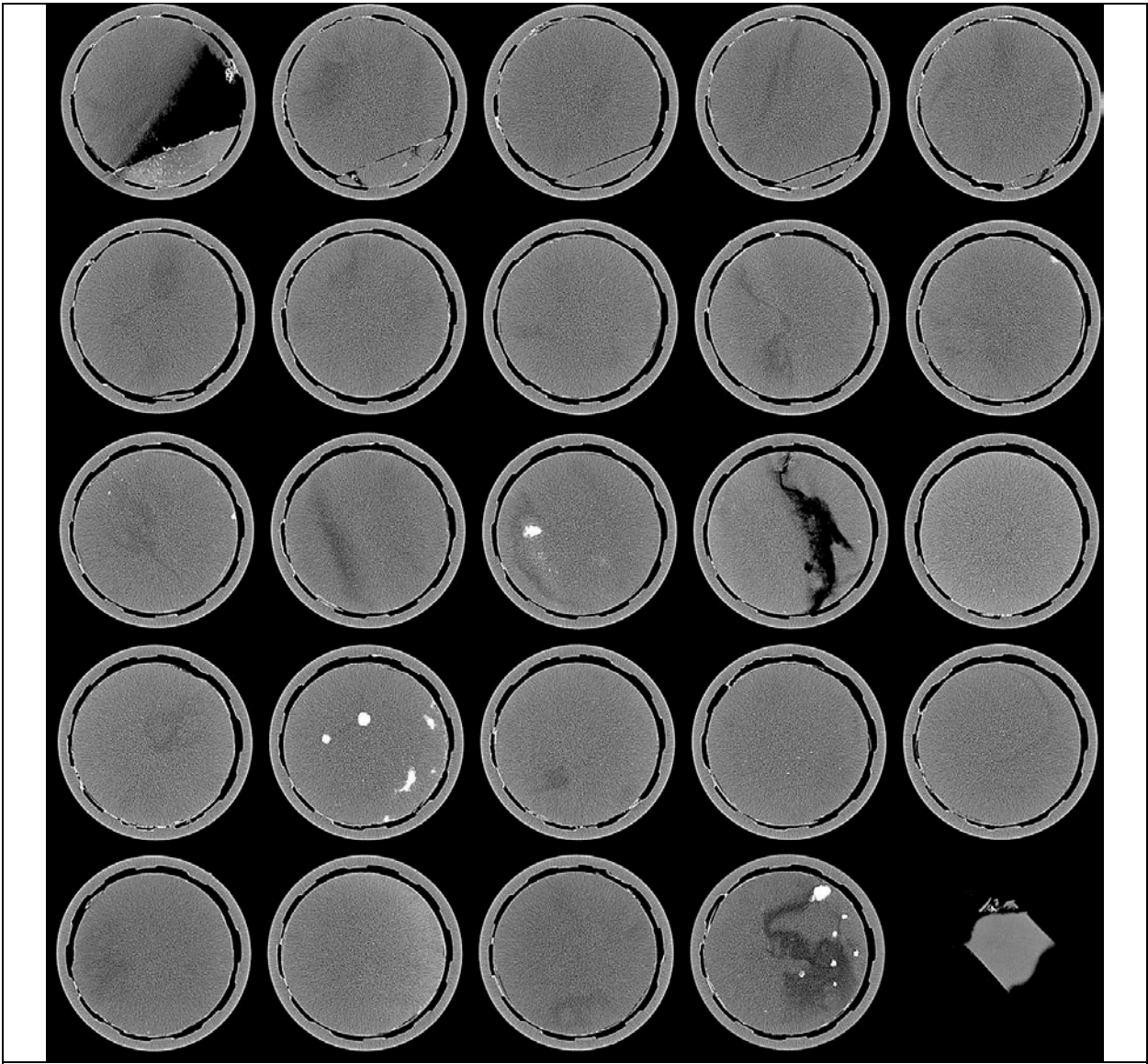
7525'



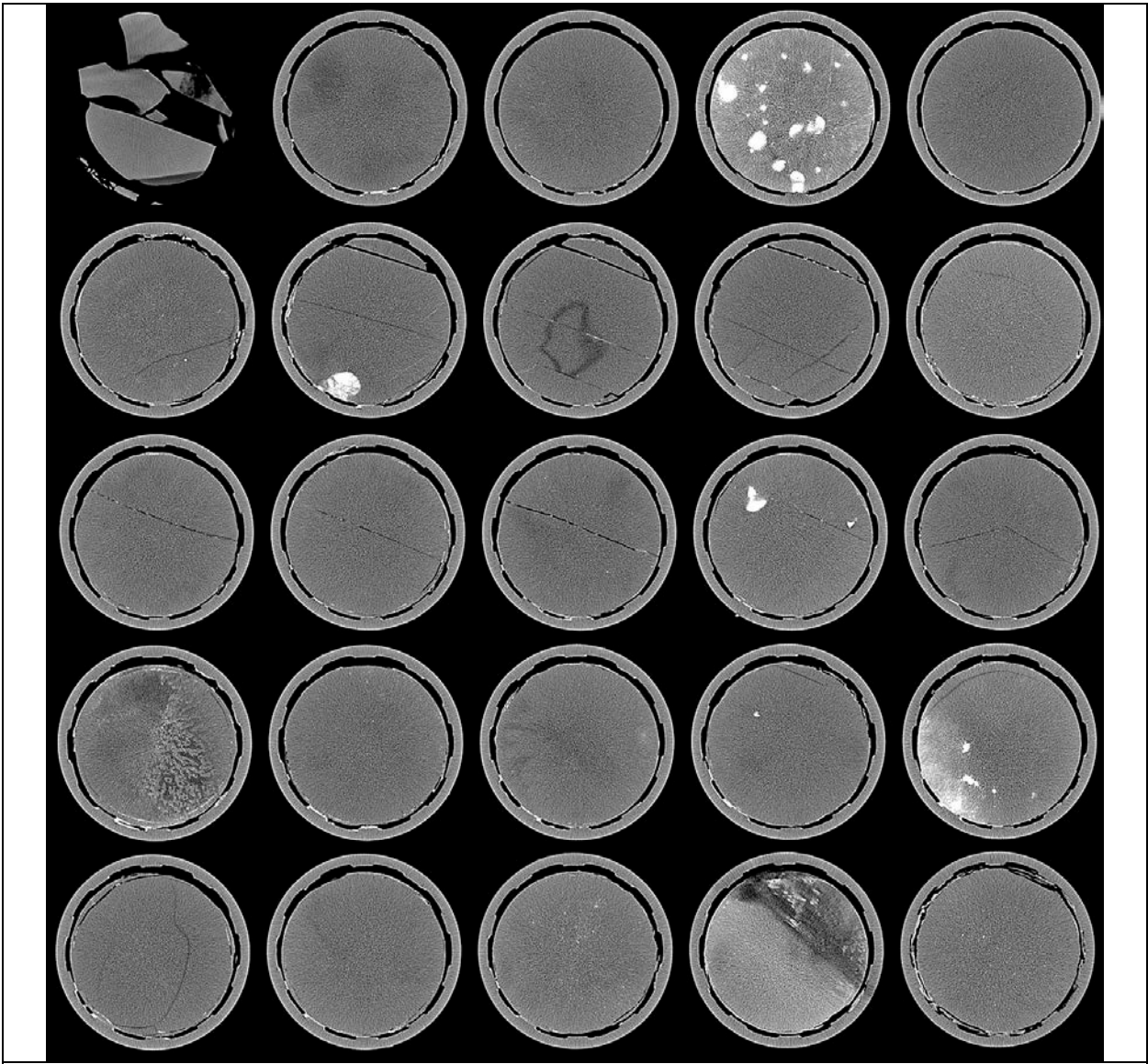
7526.5'



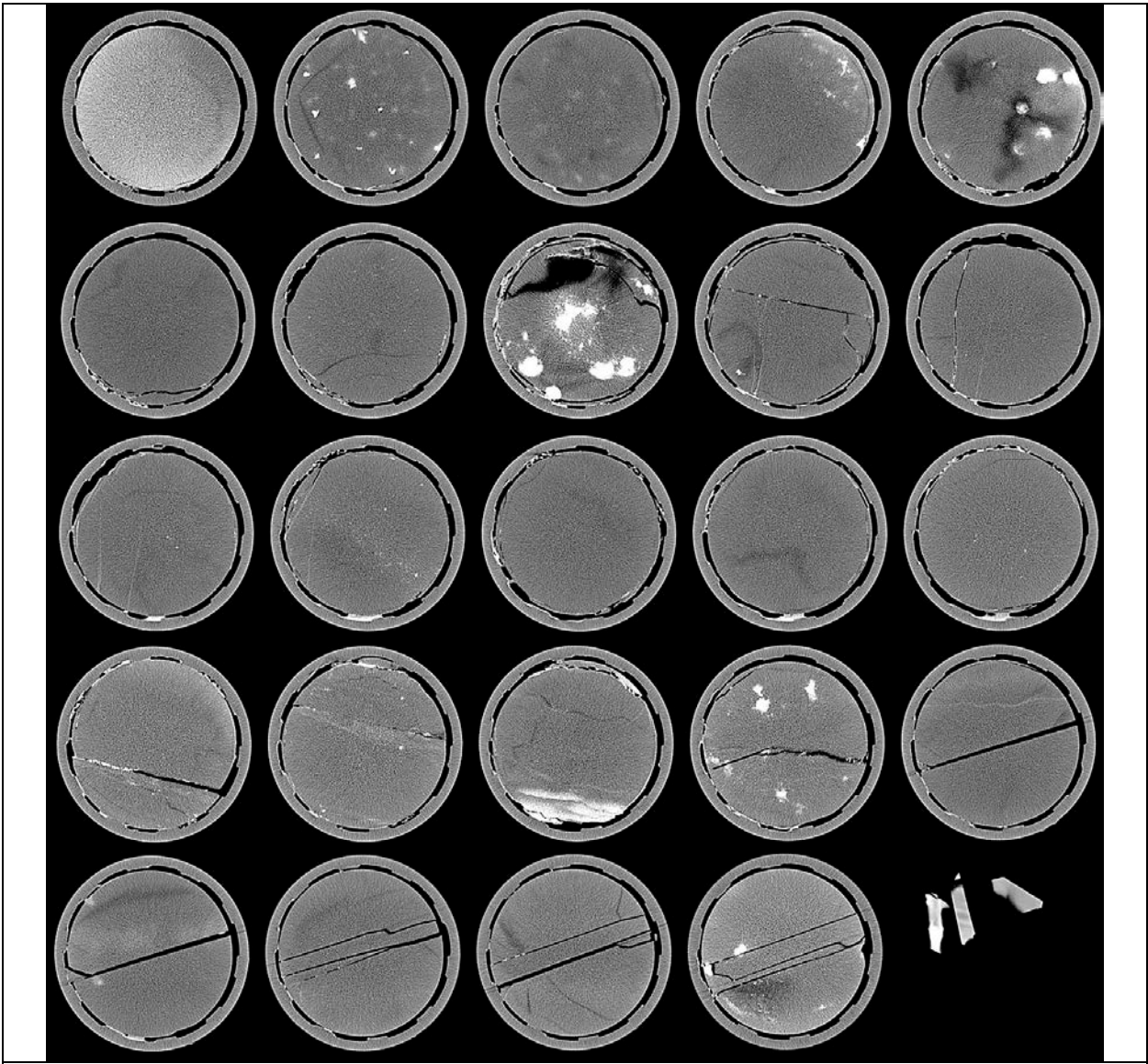
7529'



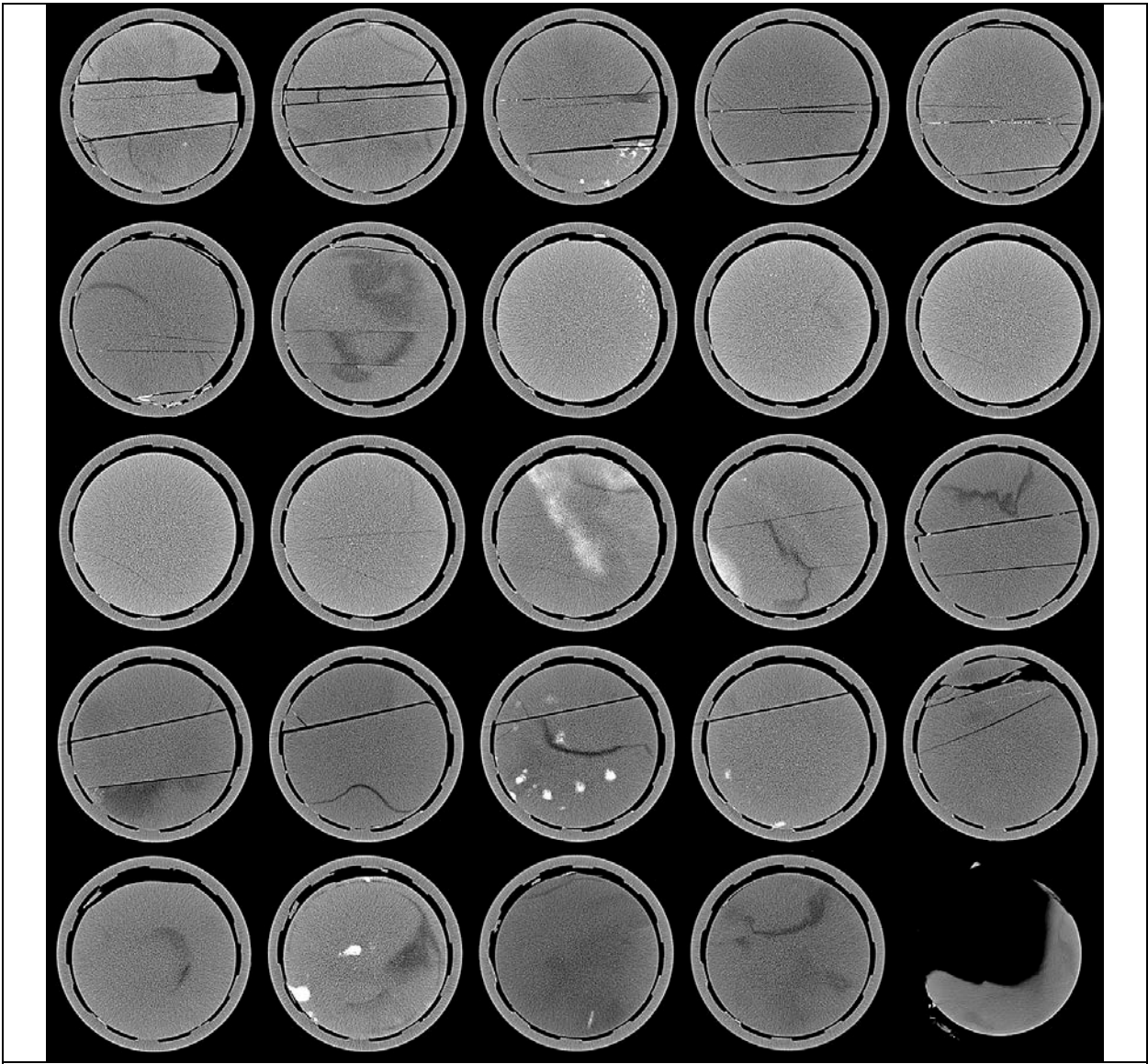
7532'



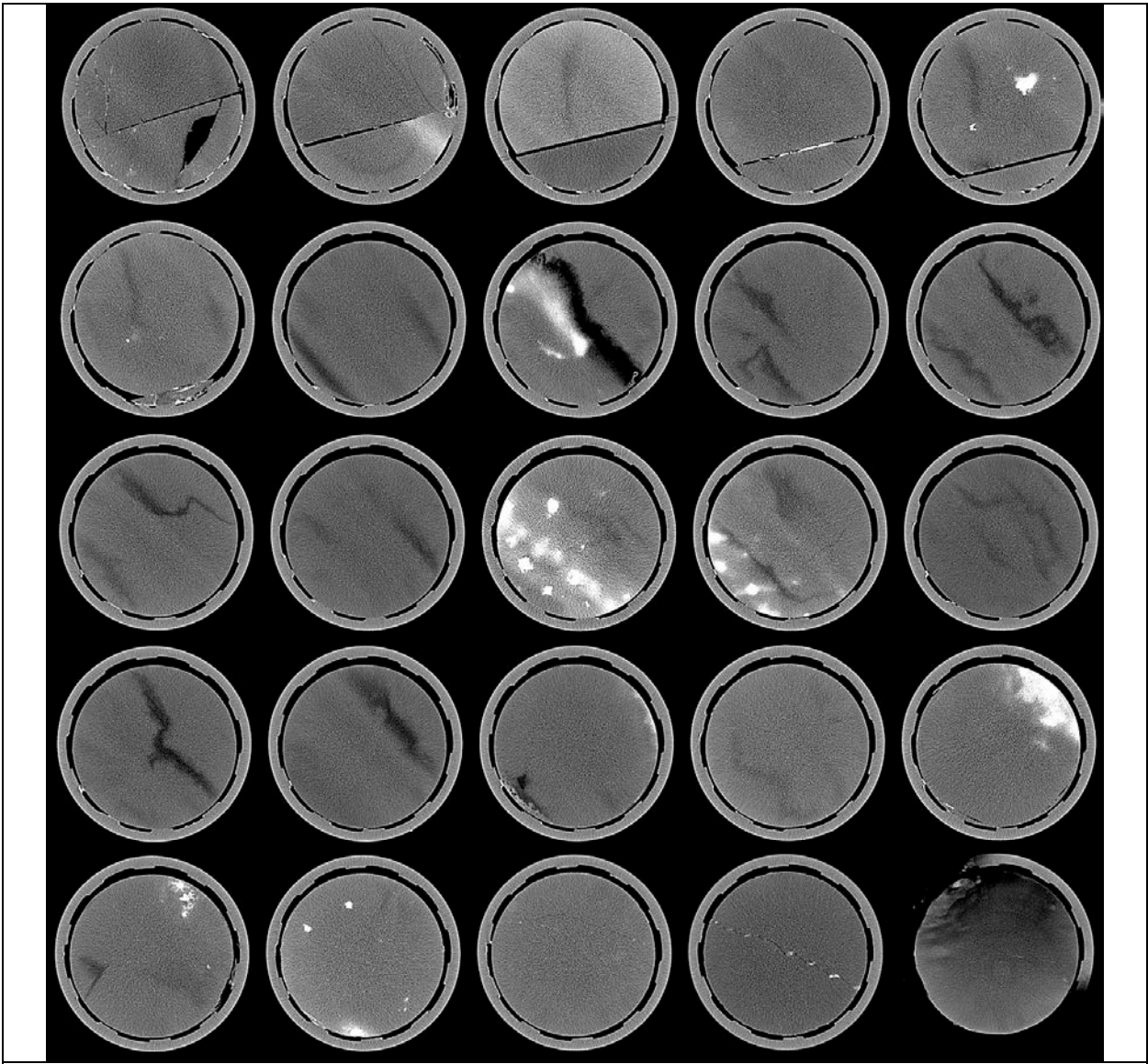
7535'



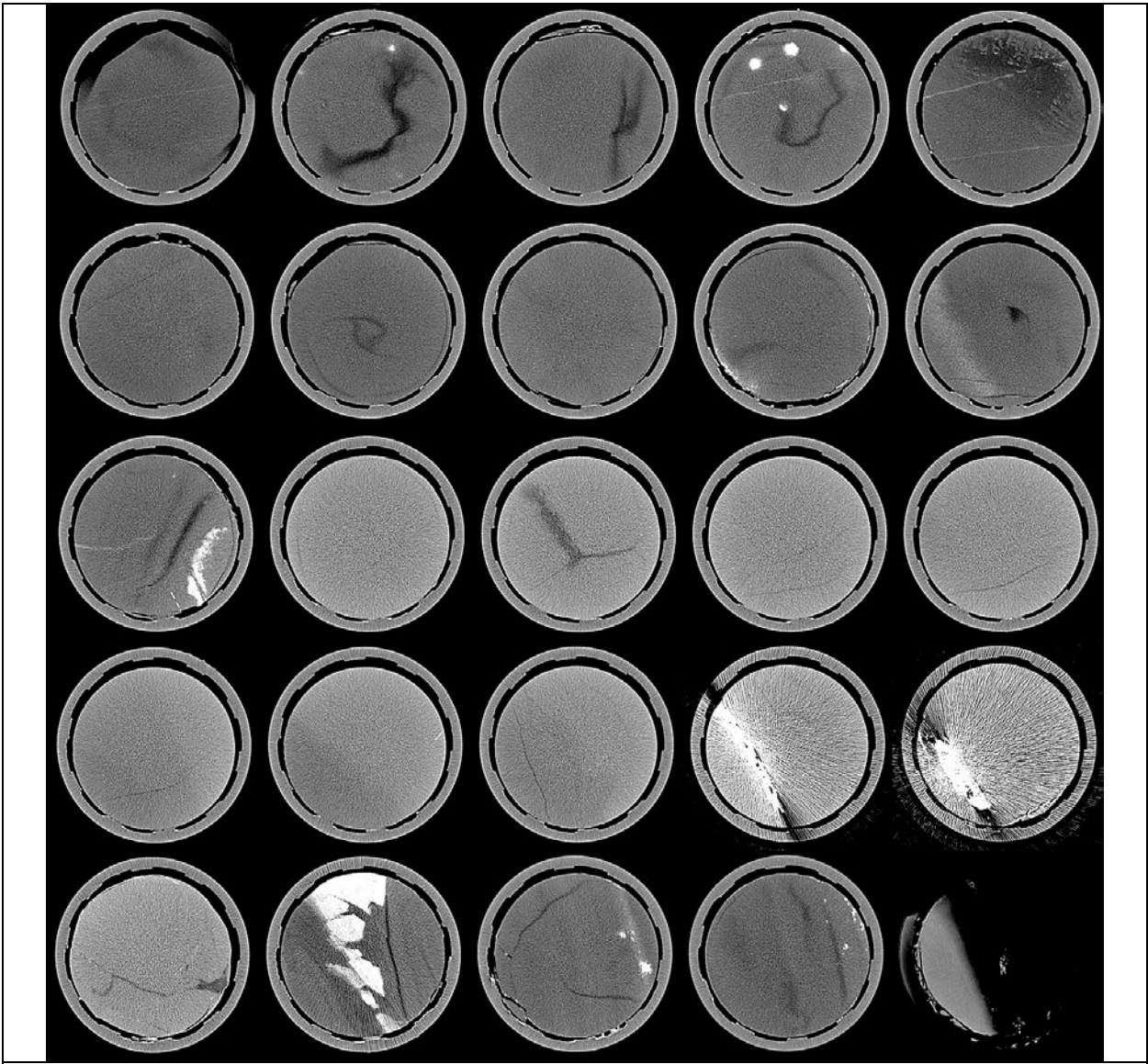
7538'



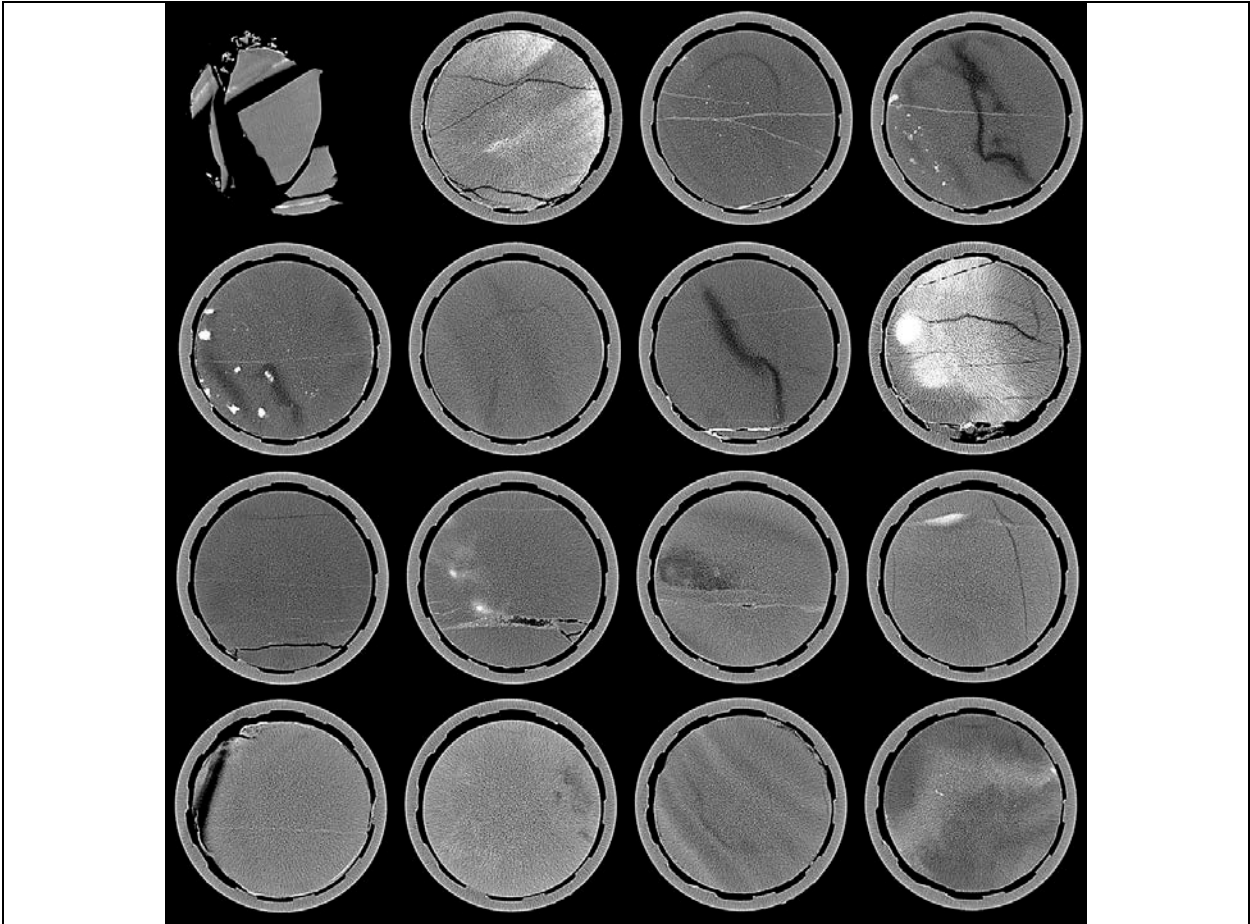
7541'



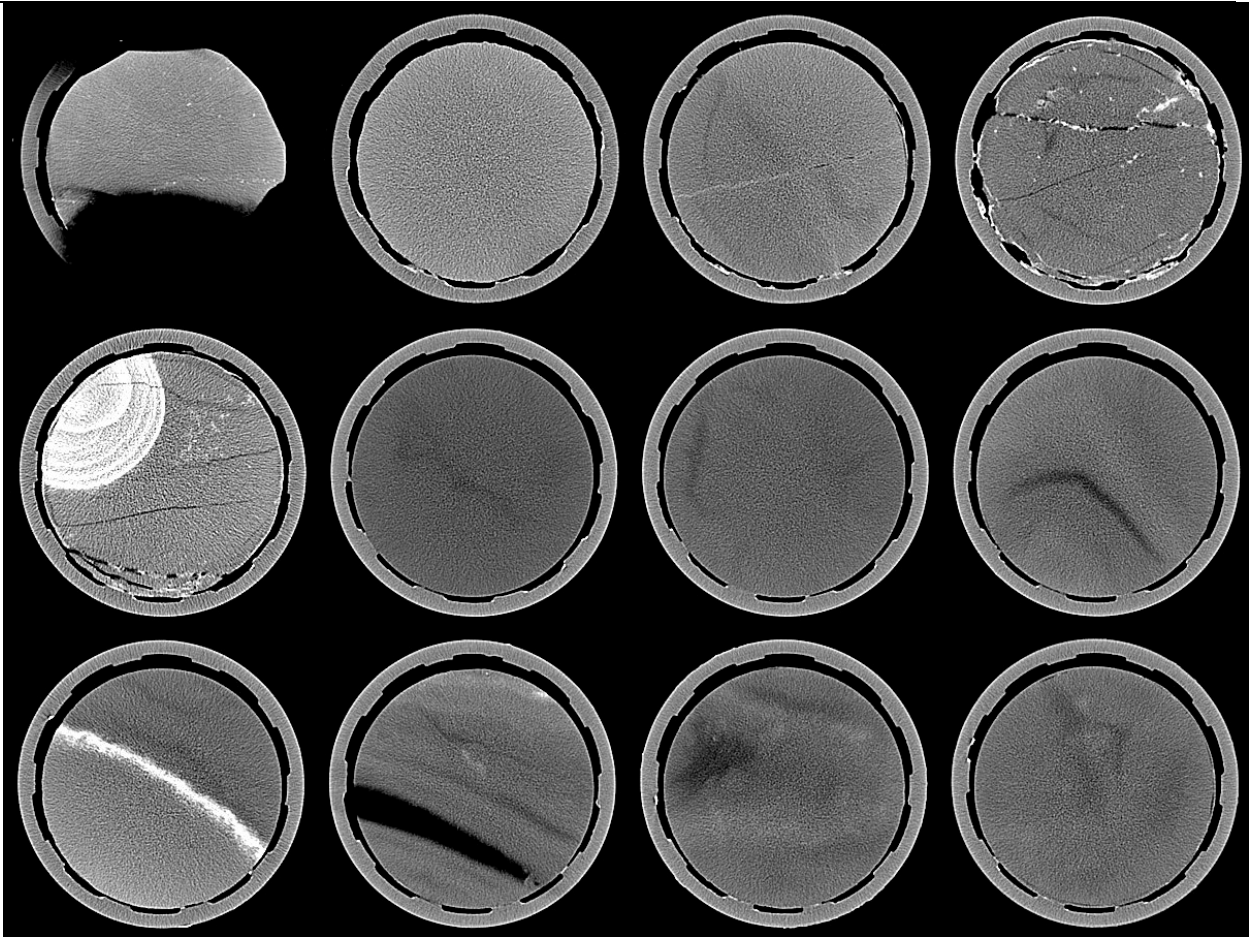
7547'



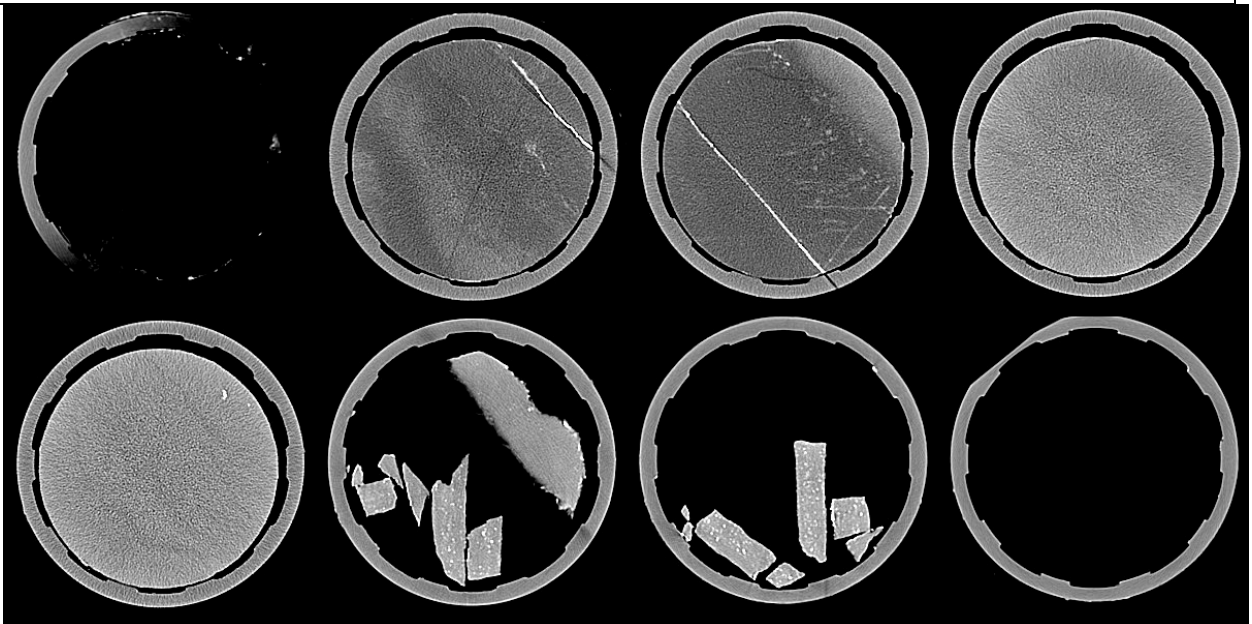
7550'



7553'



7555'



7557'?