# University of Texas High-Resolution X-ray CT Facility Archive

**Kirk:**

**teethH**: Scan of three teeth/jaw fragments (UW 20209, UW 12462 and UW 14340; see key for locations) for Chris Kirk of UT Anthropology. Specimens scanned by Jessie Maisano 5 November 2021.

scan parameters: Zeiss. Flat panel, 80kV, 10W, 0.05s acquisition time, 5 samples per view, detector 200.124 mm, source -17.367 mm, XYZ [0, -8035, 1365], camera bin 1, angles ±180, 2401 views, LE3 filter, dithering, multi reference. Reconstructed with center shift -2.25, beam hardening 0.3, theta 0, byte scaling [-0.002, 0.022], binning 1, recon filter smooth (kernel size = 0.7). Total slices = 1591.

**teethH**: Xradia recipe with scan parameters.

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 5.97 microns.

**8bitjpg:** 8bit jpg version of the reconstructed images.