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

**Ketcham:**

**C-16-C**: Scan of a carbonado (C; second from bottom of mounted stack) for Rich Ketcham of UT DOGS. Specimen scanned by Jessie Maisano 5 October 2016.

scan parameters: Xradia. LFOV objective, 80kV, 10W, 4s acquisition time, detector 138.4 mm, source -37 mm, XYZ [-577, 12014, -1155], camera bin 2, angles ±180, 1261 views, 0.35 mm SiO2 filter, dithering. Multiple reference. Reconstructed with center shift 2, beam hardening 0.12, theta 0, byte scaling [-30, 1300], binning 1, recon filter smooth (kernel size = 0.5). Total slices = 448.

**C-16-B\_F.rcp**: Xradia recipe with scan parameters.

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 14.36 microns.

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