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

**Ketcham:**

**1-3B**: Scan of a carbonado after acid treatment (1-3) for Rich Ketcham and Scott Eckley of UT DOGS. Specimen scanned by Jessie Maisano 24 January 2018.

scan parameters: Xradia. LFOV objective, 80kV, 10W, 2.5s acquisition time, detector 138.4 mm, source -37 mm, XYZ [-125, 6835, -515], camera bin 2, angles ±180, 1261 views, no filter, dithering. End reference (68 frames, 2s each). Reconstructed with center shift 3, beam hardening 0.1, theta 0, byte scaling [-20, 1700], binning 1, recon filter smooth (kernel size = 0.5). Total slices = 457.

**1-3B.rcp**: Xradia recipe with scan parameters.

**16bit:** 16bit TIFF images reconstructed by Xradia Reconstructor. Voxels are 14.35 microns.

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