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Cover

The upper first and second molar teeth of the type specimen of a fossil horse *Asinus pons* Quinn from the early Pleistocene Comosi fauna in the San Rafael Valley, southern Arizona. The specimen, which still retained the milk teeth, was sliced on a rock saw to show the enamel pattern about 30 mm below the crown of the unerupted molars. The crenulations are caused by the intricate folding of the enamel which was inked to bring out detail. The nearly enclosed loop near the margin of each tooth is the protocone, which is one of the diagnostic characters for identifying fossil horses. Each tooth is about 25 mm in anterior-posterior diameter. [Photo by J. F. Lance, Geochronology Laboratories, University of Arizona]