

Layered Bedrock in Nili Fossae Region

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The Nili Fossae region contains some of the best exposures of ancient bedrock on Mars. Ancient bedrock can be tilted, folded, and generally complicated and difficult to understand, but the center of this image shows a stack of nearly horizontal layers. These layers might record how the environment on ancient Mars changed over time, and would be a good site for future exploration by a rover.

The HIRISE camera onboard the Mars Reconnaissance Orbiter is the most powerful one of its kind ever sent to another planet. Its high resolution allows us to see Mars like never before, and helps other missions choose a safe spot to land for future exploration. Thousands of images are available online at: <u>uahirise.org</u>.