



Layers in Northeast Sinus Meridiani

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The objective of this image is to examine the exposure of thin layers along the walls of a few-kilometer-wide valley in Sinus Meridiani. These layers can then be compared to other observations of layers in the region, allowing scientists to map individual layers over much larger regions than covered by a single image. Understanding the regional extent of layers will aid in studies of the past environmental conditions on Mars than led to the formation of these layers.

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: uahirise.org.