

Layered Material Cut by a Valley Connected to East Jezero Crater ESP_026359_1990



This image shows layered bedrock composed of light- and intermediate-toned materials. There are also darker bed forms that fill in low-lying topography, such as impact craters. In the center of the image is a valley with darker fill extending from left to right. The darker materials within the valley might be fluvial sediments. At HiRISE resolution, we might be able to decipher the properties of the bedrock as well as what deposited the sediments.

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.