



Remnants of a Viscous Flow on Mars

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Lobate flows are common in the Martian mid latitude region (30-45 degrees latitude). Some are pristine-looking and highly reminiscent of terrestrial glaciers, whereas others appear more degraded. The flow deposit shown here is a good example of a degraded flow deposit. The surface is highly degraded and eroded, and the deposit shows evidence of deflation (loss of volume, probably from the sublimation of ice), as lateral moraines (ridges running along the length of the feature) are visible.

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.