



LAVAS OVER CLAY-RICH TERRAIN

Here we see materials at the northern edge of Syrtis Major, one of the largest volcanoes on Mars. Lavas from this volcano are typically rich in iron and magnesium-bearing minerals, which give them a dark bluish tone in HiRISE enhanced color images. These lavas flowed on top of older clay-rich sedimentary rocks near the Nili Fossae region west of Jezero Crater.