



This is Not the Hydrothermal Deposit You’re Looking For

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A hotspot for exploration on Mars centers on areas that were once, or are currently, next to a significant source of heat such as volcanoes. Ancient lava flows may have provided a source of heat, along with liquid water or subsurface ice, to generate an environment conducive for the development of ancient life. (NASA/JPL/University of Arizona, 289 km above the surface; less than 1 km across)