

# Rover Confirms Meteorite on Mars

August 6 2009

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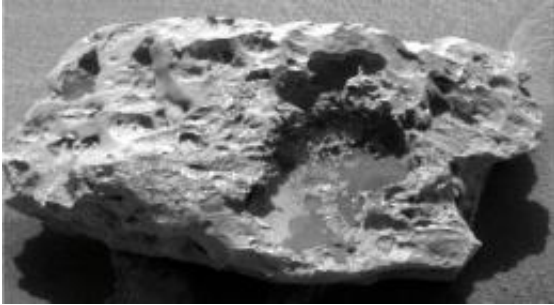


Image Credit: NASA/JPL-Caltech/Cornell University

(PhysOrg.com) -- Composition measurements by NASA's Mars Exploration Rover Opportunity confirm that this rock on the Martian surface is an iron-nickel meteorite.

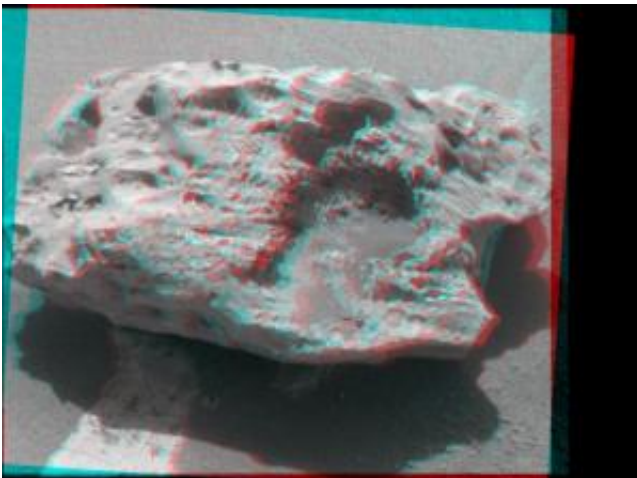


Image Credit: NASA/JPL-Caltech/Cornell University

This image combines exposures from the left eye and right eye of the rover's panoramic camera to provide a three-dimensional view when seen through red-green glasses with the red lens on the left.

The camera took the component images during the 1,961st Martian day, or [sol](#), of Opportunity's mission on Mars (July 31), after approaching close enough to touch the rock with tools on the rover's robotic arm.

Researchers have informally named the rock "Block Island." With a width of about two-thirds of a meter (2 feet), it is the largest [meteorite](#) yet found on [Mars](#). Opportunity found a smaller iron-nickel meteorite, called "Heat Shield Rock" in late 2004.

Provided by JPL/NASA ([news](#) : [web](#))

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