



Phobos Observations by OMEGA / Mex

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OMEGA/Mars Express has mapped Phobos along six tracks, from altitudes ranging from 150 km to 1900 km, leading to footprints of 180 m to 2.2 km accordingly, and with a variety of phase angles. For each pixel, OMEGA acquires the VIS/NIR spectrum, from 0.35 to 5.1 μm in its nominal mode. In this spectral range, key mafic minerals, such as pyroxene and olivine, have diagnostic features. We will present an overview of the results acquired, and discuss them in terms of planetary differentiation.

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