



# Fill or Mantling Material in a Crater

ESP\_039925\_1360



HIGH RESOLUTION IMAGING  
SCIENCE EXPERIMENT  
UAHIRISE.ORG



THE UNIVERSITY  
OF ARIZONA

This observations targets some unknown fill or mantling material within valleys on a crater floor and within a central pit. High resolution imagery can help determine what this material may be (e.g., ice-rich fill, dust, or other mantling unit?) and estimates of its thickness. With knowledge of its thickness, we can discern how deep the valleys and pit would be without its presence.