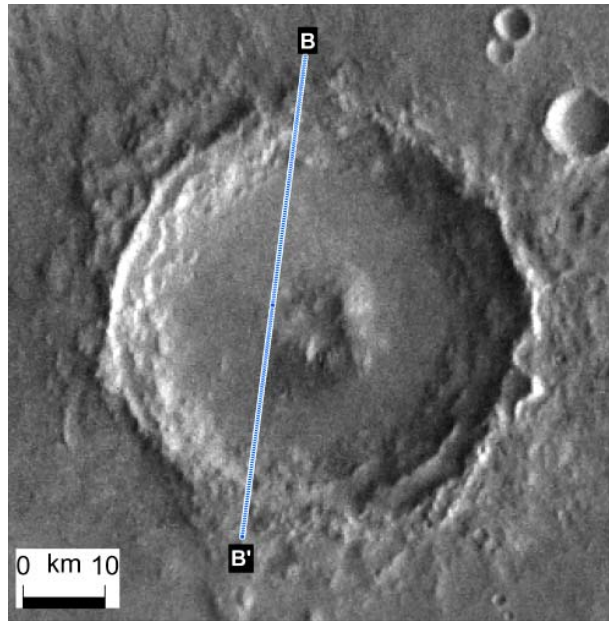


Supplementary figure S1. CRISM spectra from 0.4 to 2.6 μm of 9x9 pixel regions of interest taken from HRL000040FF_07. Simple photometric and atmospheric corrections have been applied as in [10]. Blue, green, and yellow spectra were used as numerators and the purple spectrum was used as the denominator to produce the ratio spectra of Figure 3. Colors correspond to colors of the surface in Figure 2b and to the unit numbers in Figure 2. The purple spectrum was acquired from the surface of the upper unit (iv) within the crater. Not shown are unit i spectra, which are very similar to unit iv spectra and unit iii spectra which are very similar to unit ii spectra.



Supplementary figure S2. Fresh crater (125.75 E, 8.25 N) whose topographic profile is compared with Jezero. The line B – B' shows the MOLA topographic profile, taken from orbit 10887.