

**Mars: Abundant Recurring Slope Lineae (RSL) Following the  
Planet-Encircling Dust Event (PEDE) of 2018**

Alfred. S. McEwen<sup>1</sup> Ethan I. Schaefer<sup>2</sup>, Colin M. Dundas<sup>3</sup>, Sarah S. Sutton<sup>1</sup>, Leslie K. Tamppari<sup>4</sup>, Matthew Chojnacki<sup>1\*</sup>

<sup>1</sup>LPL, University of Arizona, 1541 E. University Blvd., Tucson AZ 85721 ([mcewen@lpl.arizona.edu](mailto:mcewen@lpl.arizona.edu) and [ssutton@lpl.arizona.edu](mailto:ssutton@lpl.arizona.edu) )

<sup>2</sup>Department of Earth Sciences, Western University, London, ON N6A 5B7 Canada ([ethan.i.schaefer@gmail.com](mailto:ethan.i.schaefer@gmail.com))

<sup>3</sup>U.S. Geological Survey, Astrogeology Science Center, 2255 N. Gemini Dr., Flagstaff, AZ, 86004. ([cdundas@usgs.gov](mailto:cdundas@usgs.gov))

<sup>4</sup>Jet Propulsion Laboratory/California Institute of Technology, Pasadena, CA, USA. ([leslie.k.tamppari@jpl.nasa.gov](mailto:leslie.k.tamppari@jpl.nasa.gov) )

\*Now at Planetary Science Institute, 546 Cole Blvd #120, Lakewood, CO 80401. ([mchojnacki@psi.edu](mailto:mchojnacki@psi.edu))

**Contents of this file**

See below

**Additional Supporting Information (Files uploaded separately)**

McEwen2020FigureS1.gif (animated GIF)  
McEwen2020TableS1.csv (csv file)

**Introduction**

The supplement includes 2 files: one is an animated GIF of the 3 subimages shown in Figure 3. In this form it is easy to see the RSL growth. The second is a csv file exported from Excel, listing all HiRISE images containing candidate RSL following the MT34 PEDE, and other information. This information is best in csv format, to be entered into a spreadsheet program to enable sorting the data.