

Planetary Surface Processes

Cratering

Gravity

Tectonics

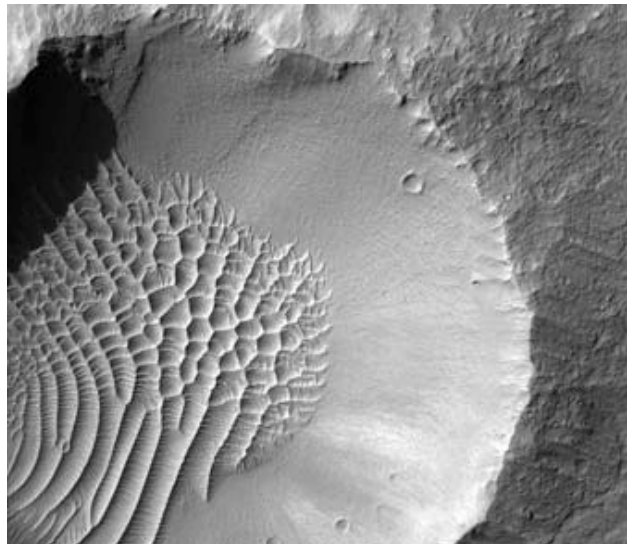
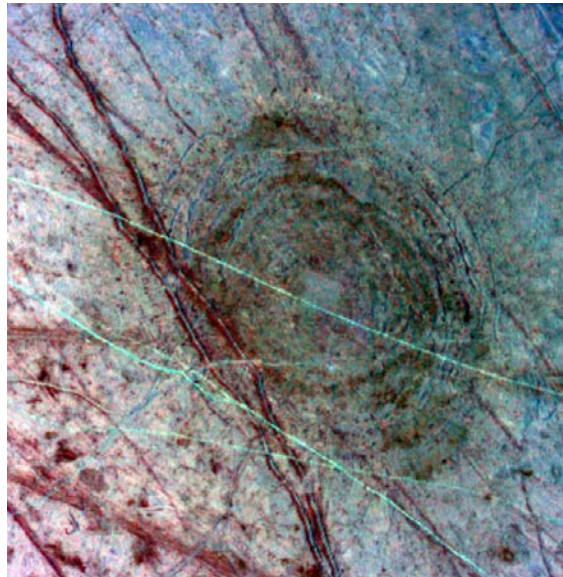
Volcanism

Winds

Fluvial

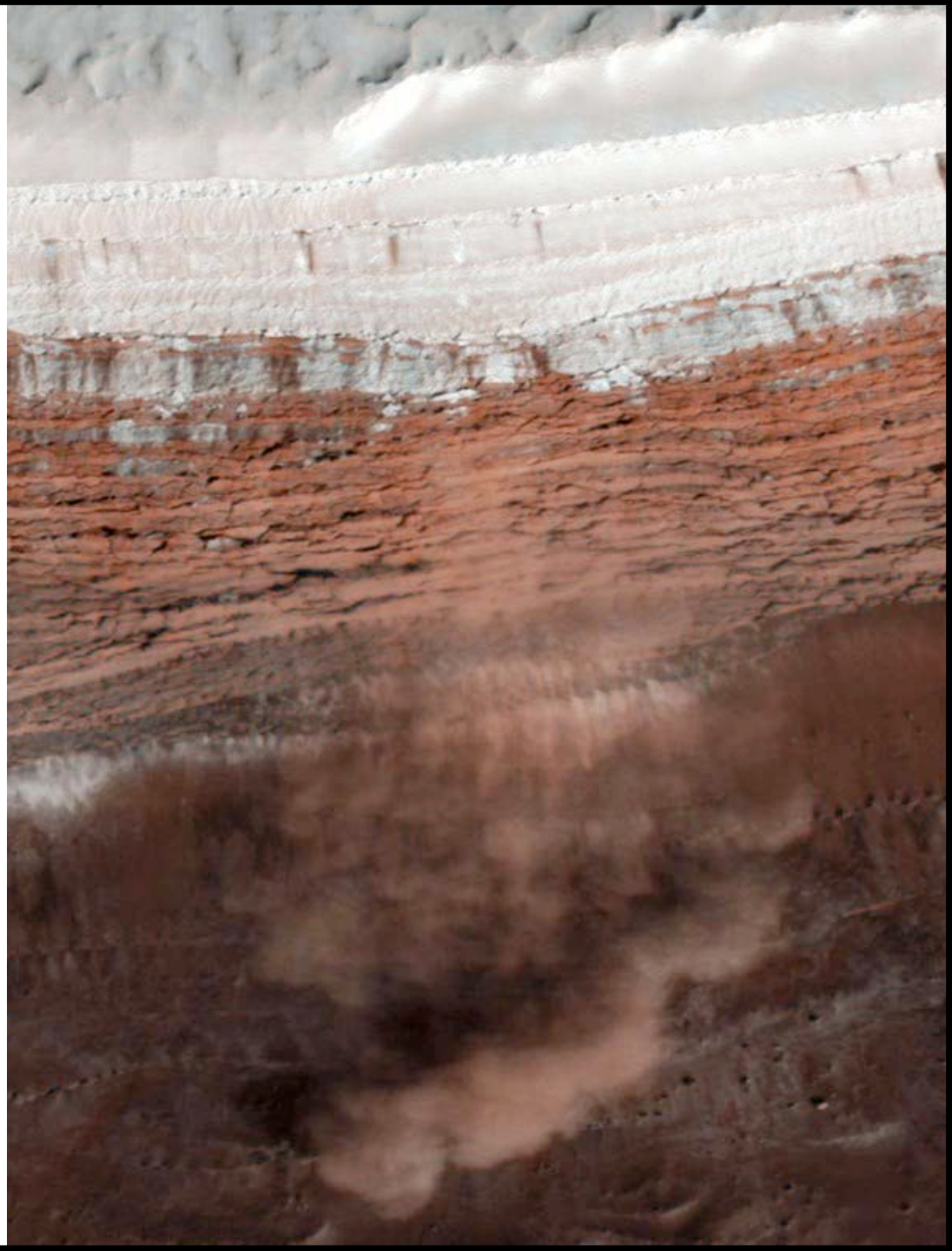
Glacial

Chemical
weathering

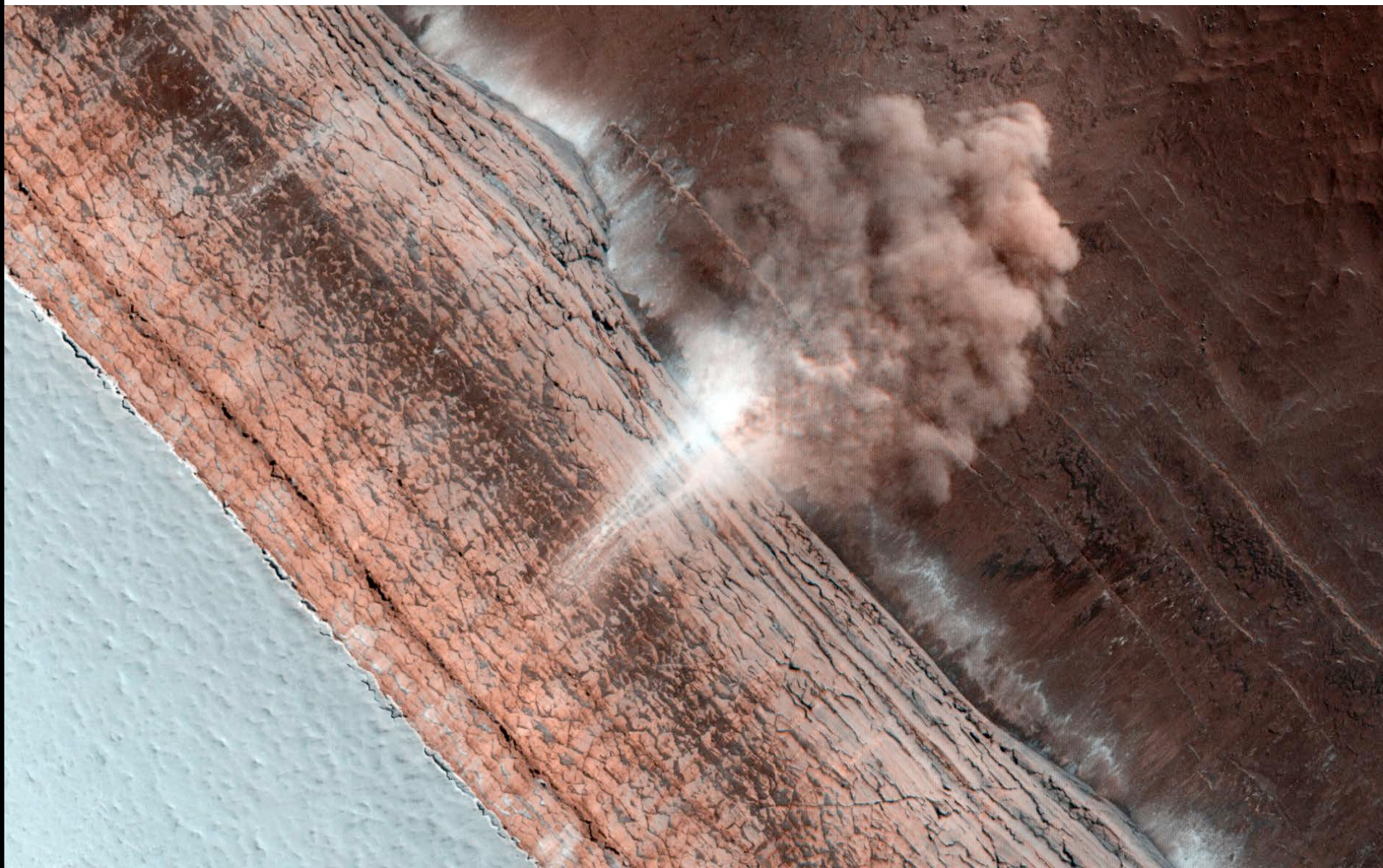


Polar avalanches on Mars

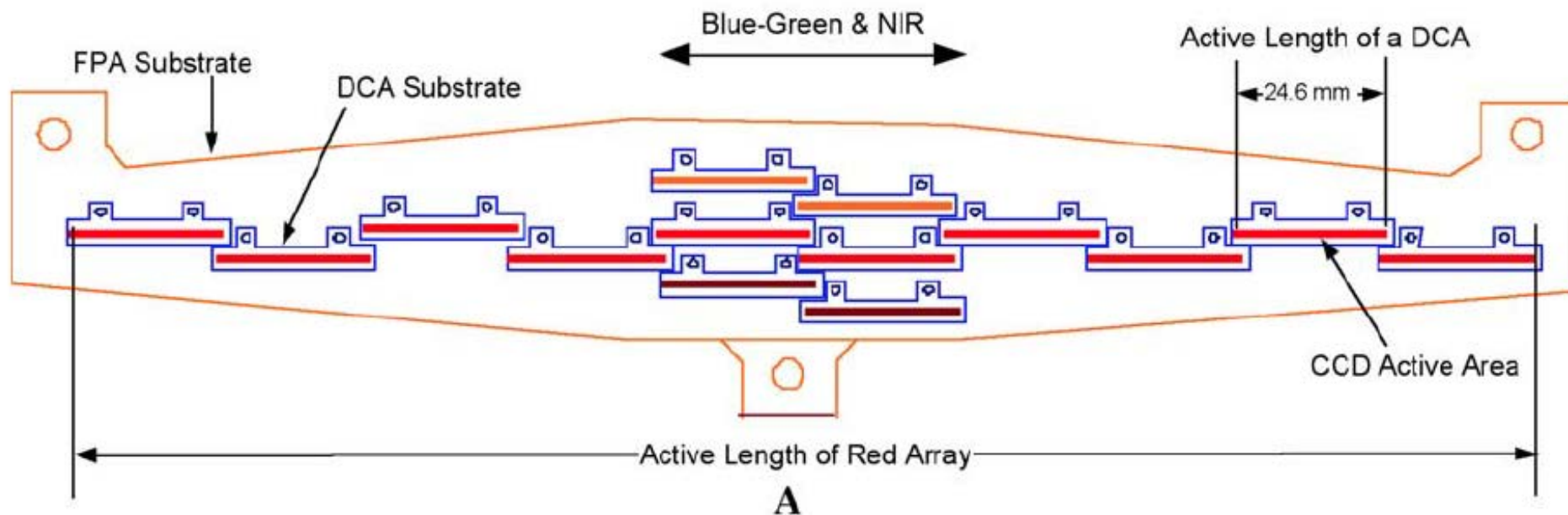
- Occur on slopes $>40^\circ$
- Only in early/mid spring



Polar avalanches on Mars



HiRISE focal plane array



Slight time difference in IR vs. red vs BG images...

IR



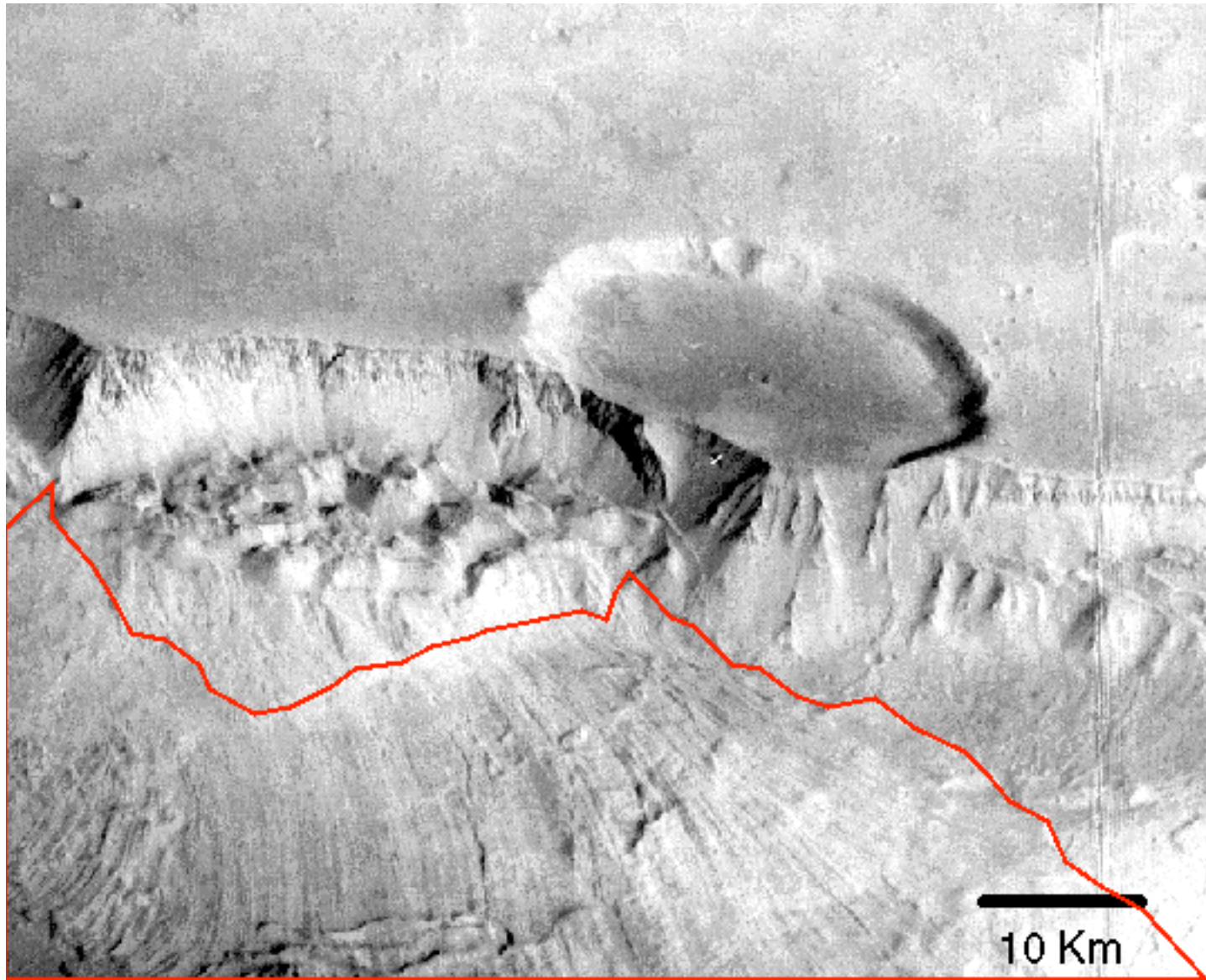
RED



BG



Landslides in Valles Marineris



Landslide on Iapetus

