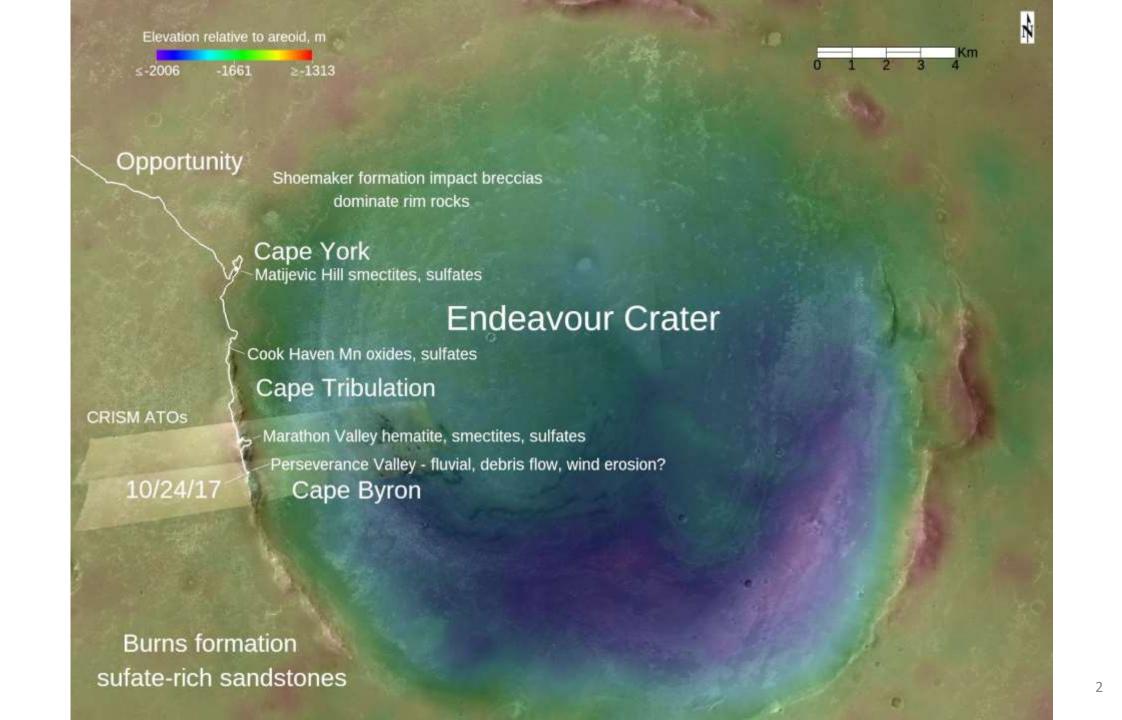
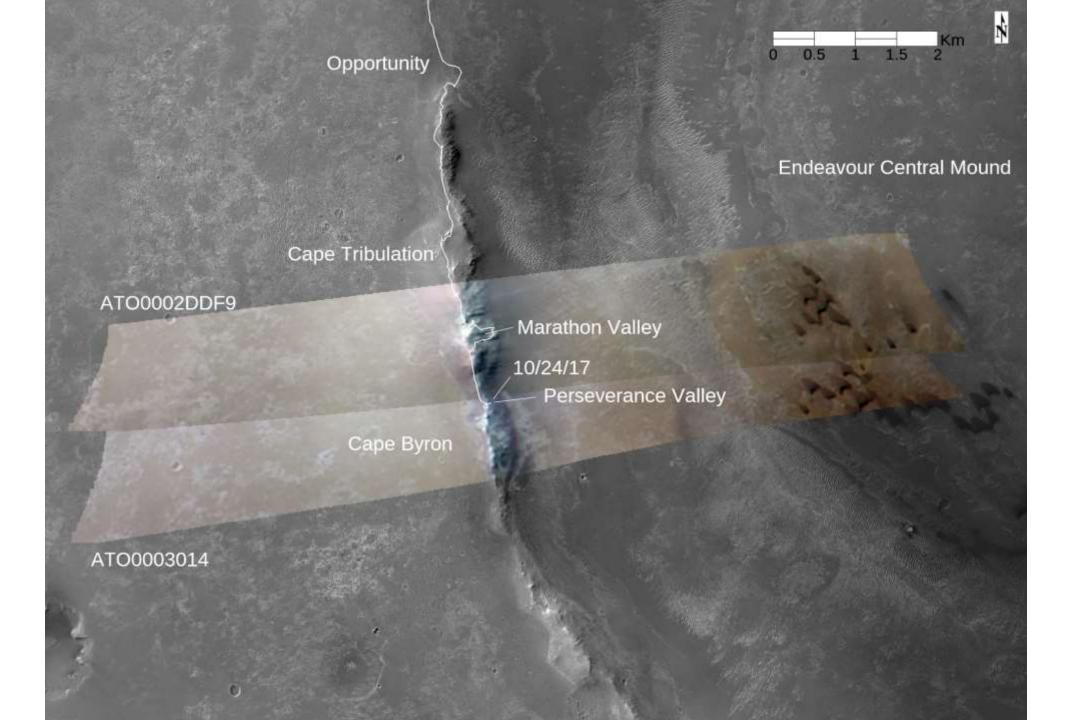
Orbital and Rover-Based Exploration of Perseverance Valley, Endeavour Crater, Mars

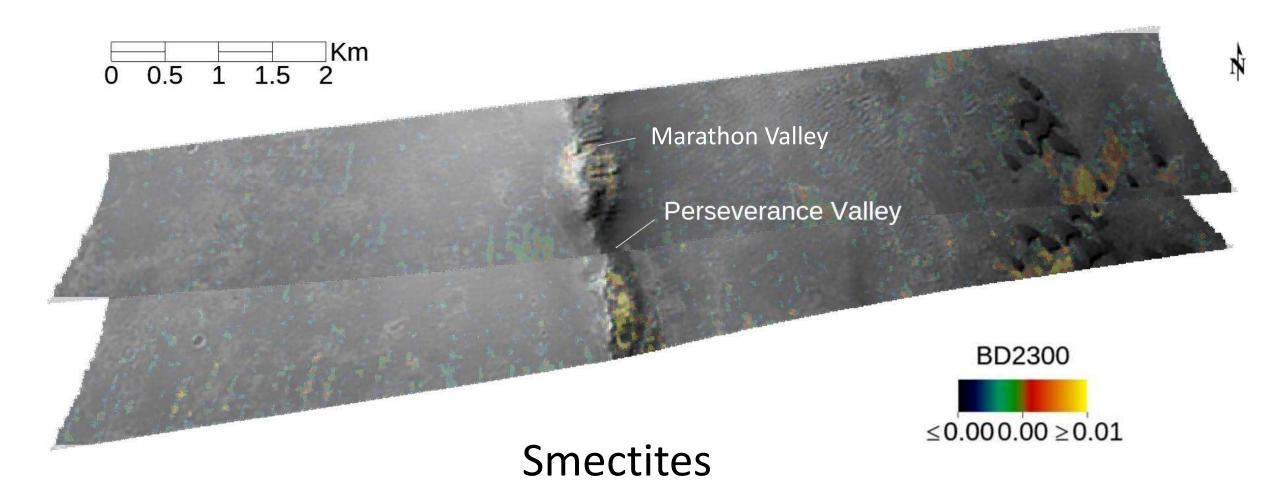
Ray Arvidson and the Athena Science Team

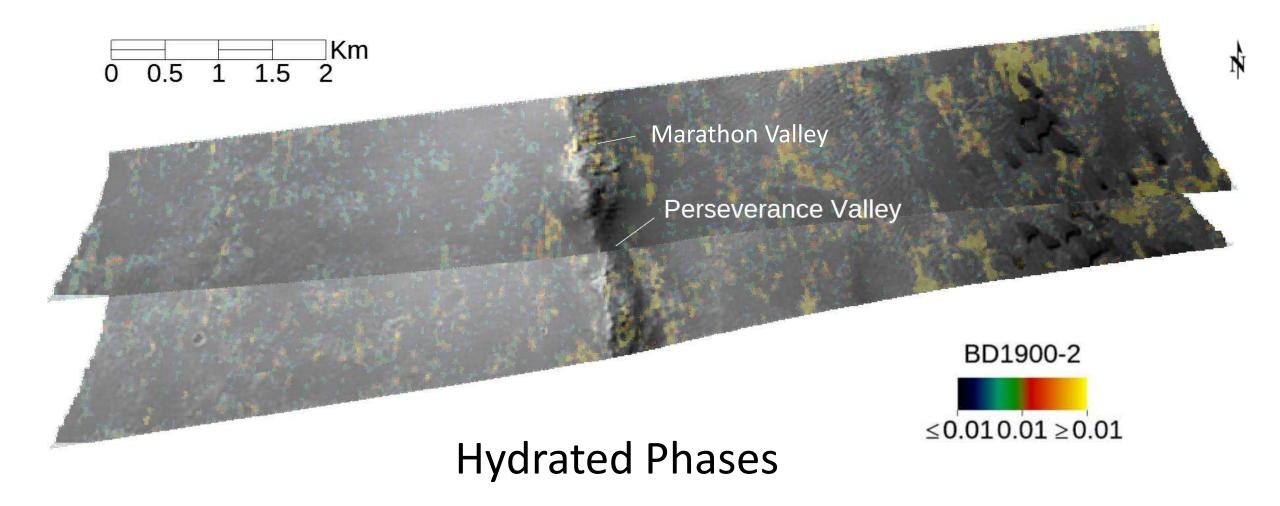
T206: Geomorphology and Landscape Evolution of Mars: The G. K. Gilbert Session

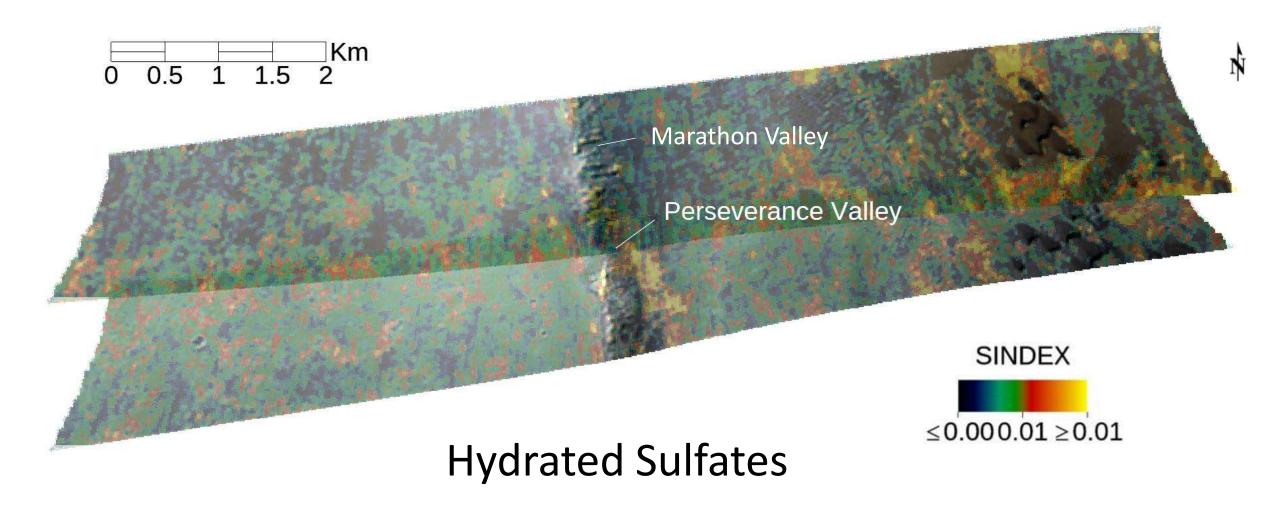
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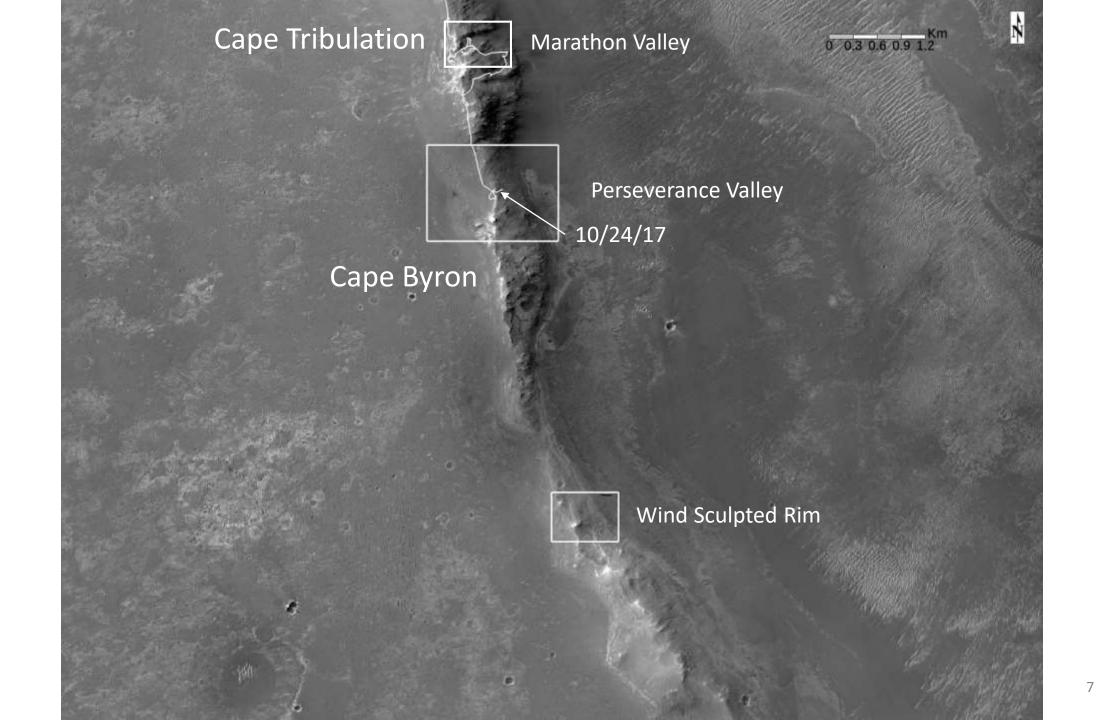


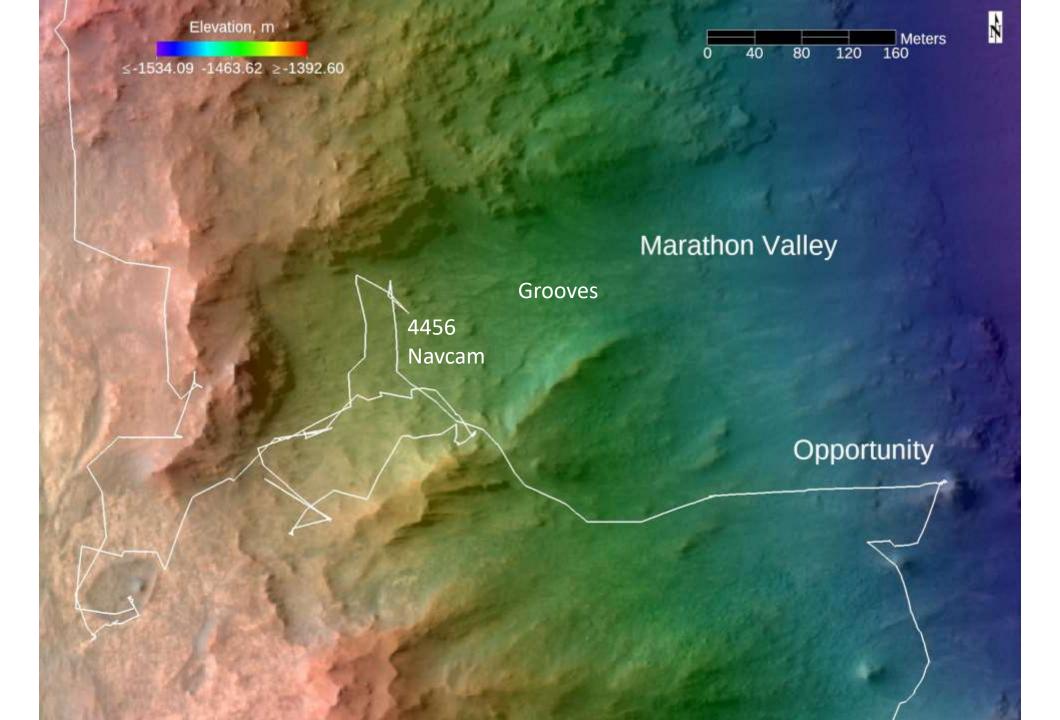


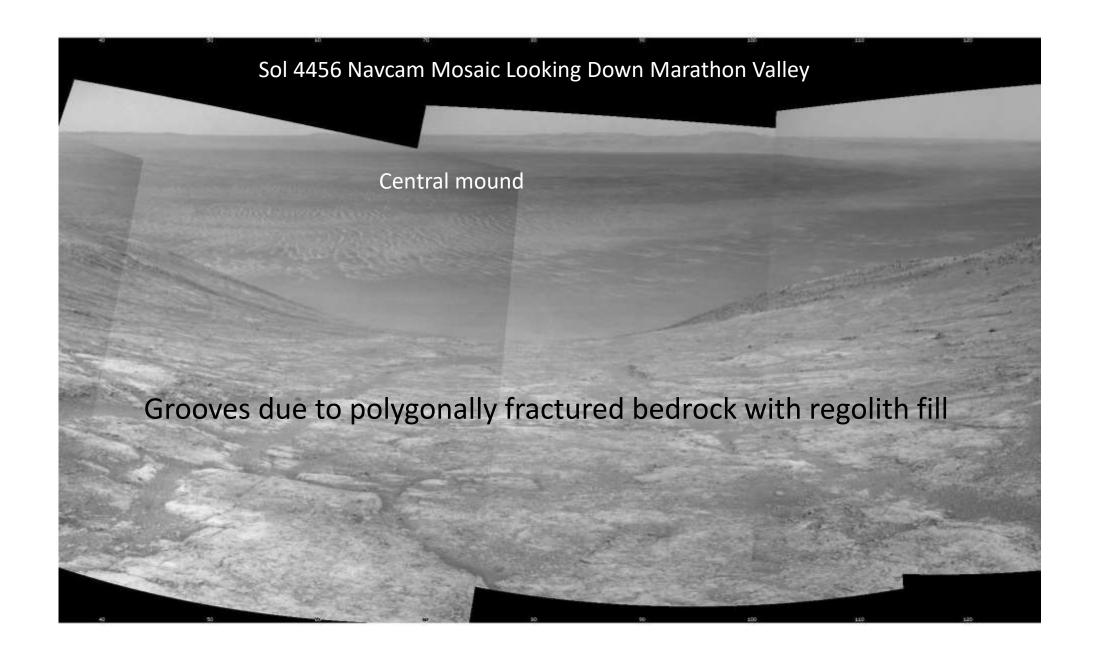


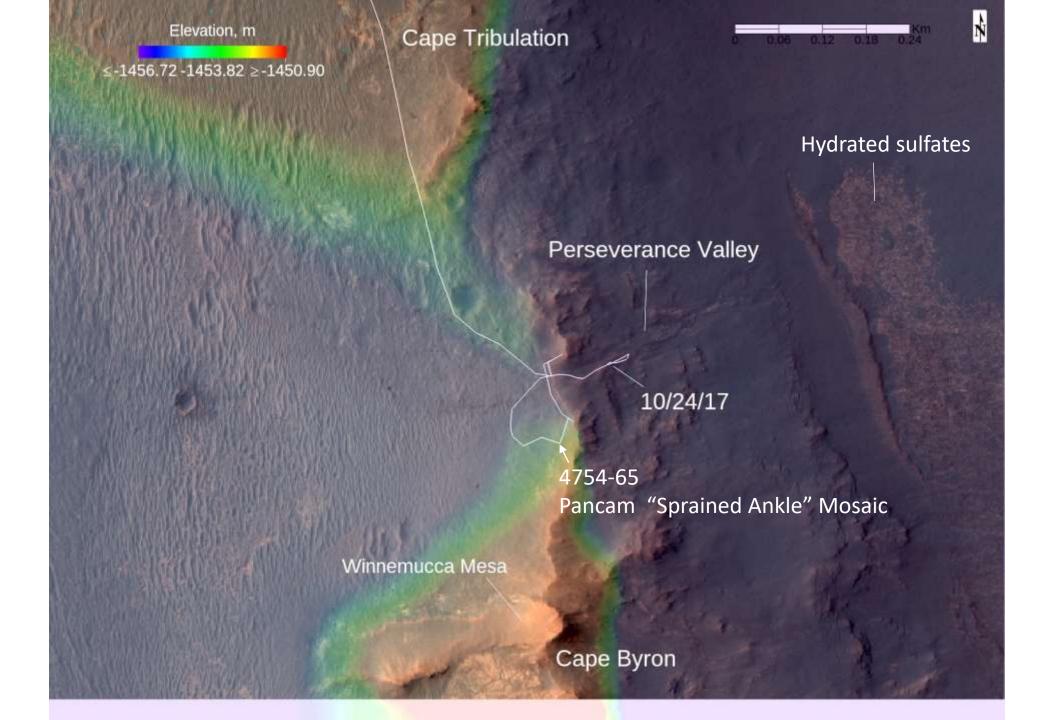


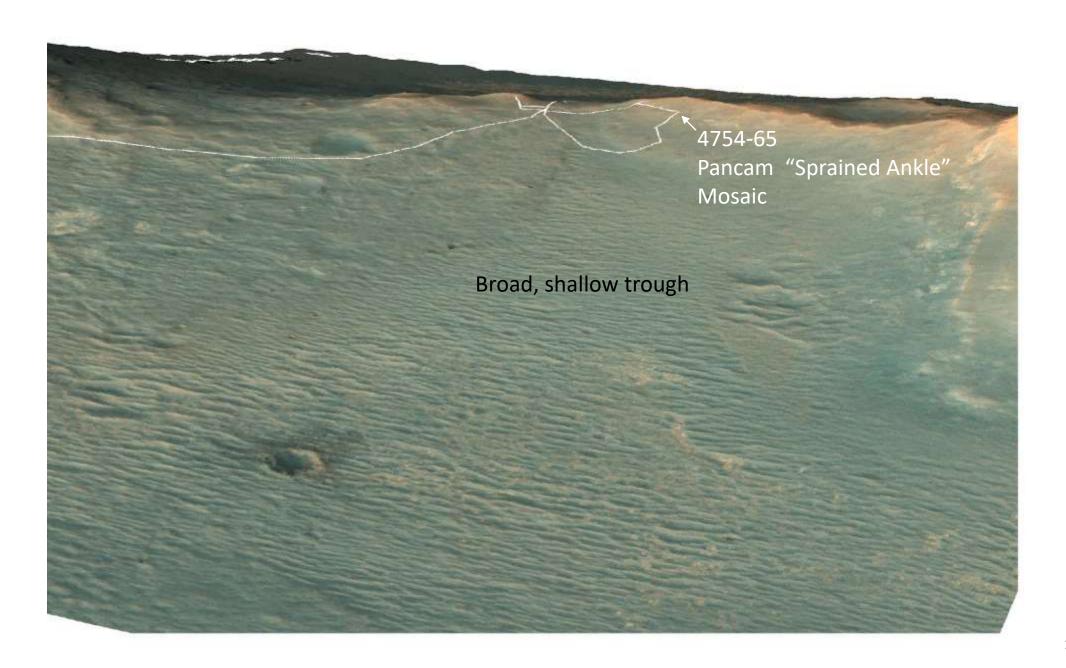




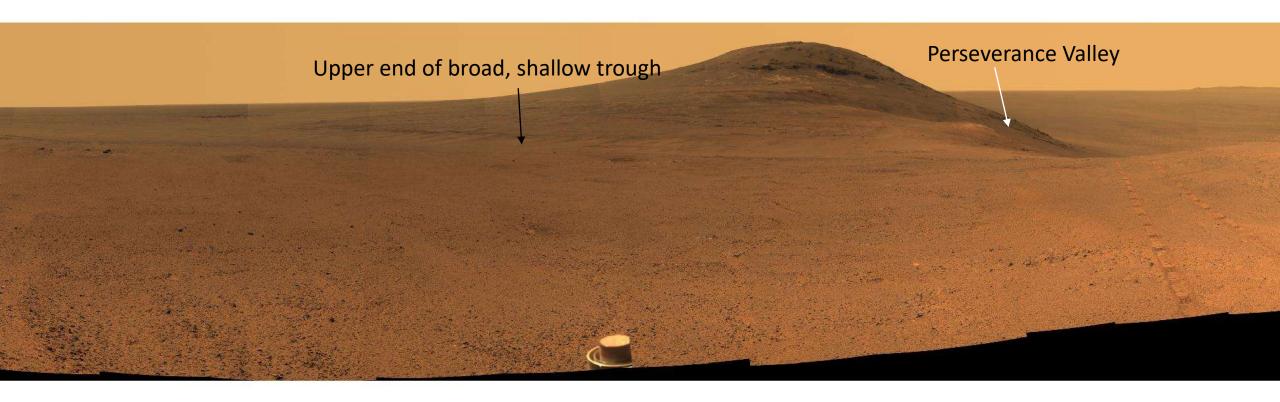


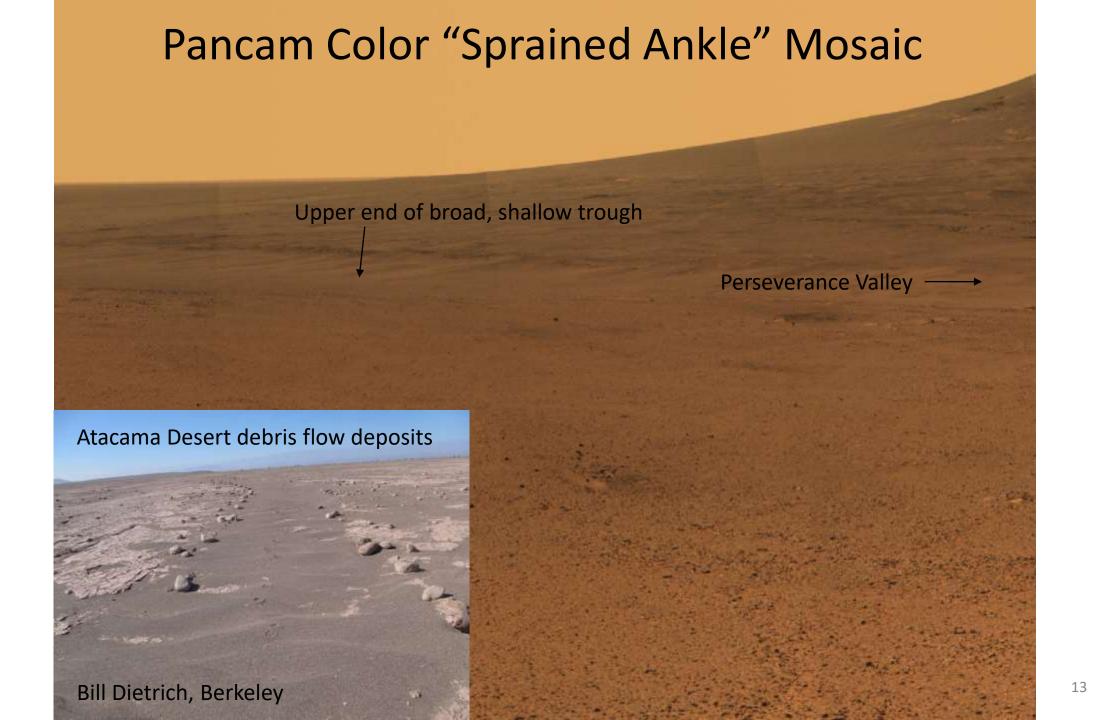


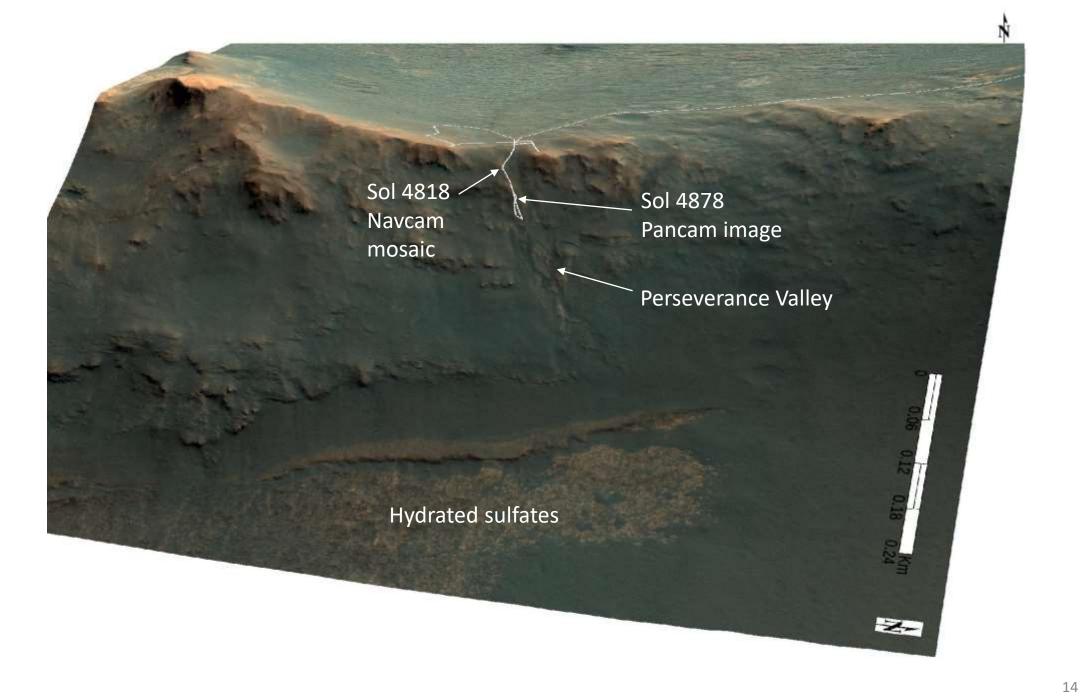


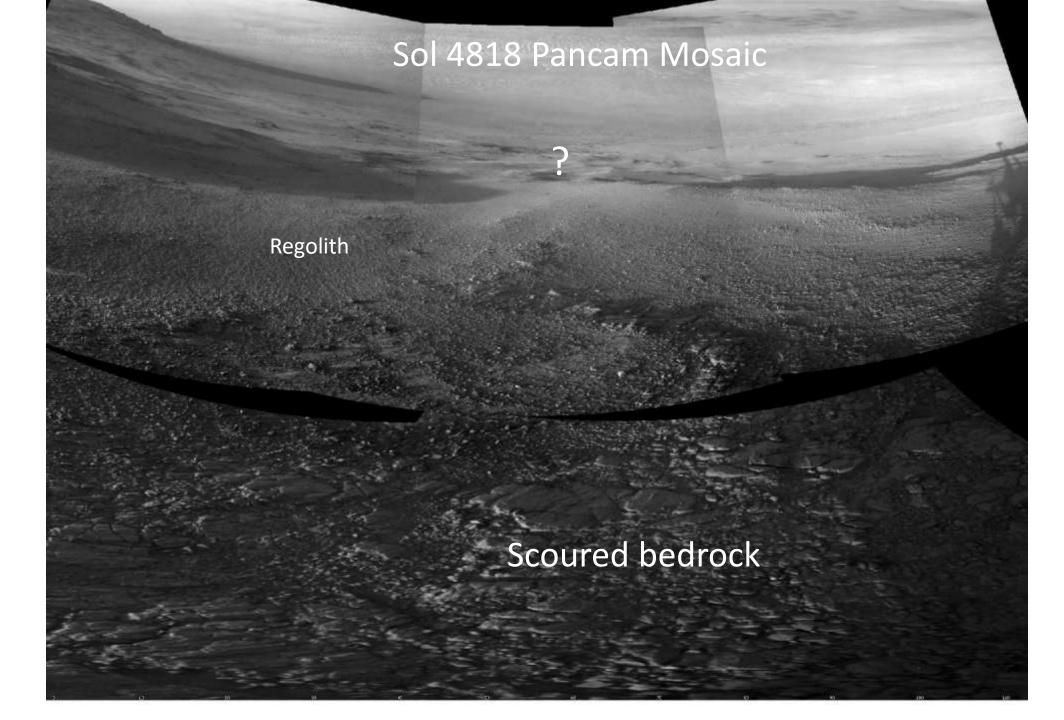


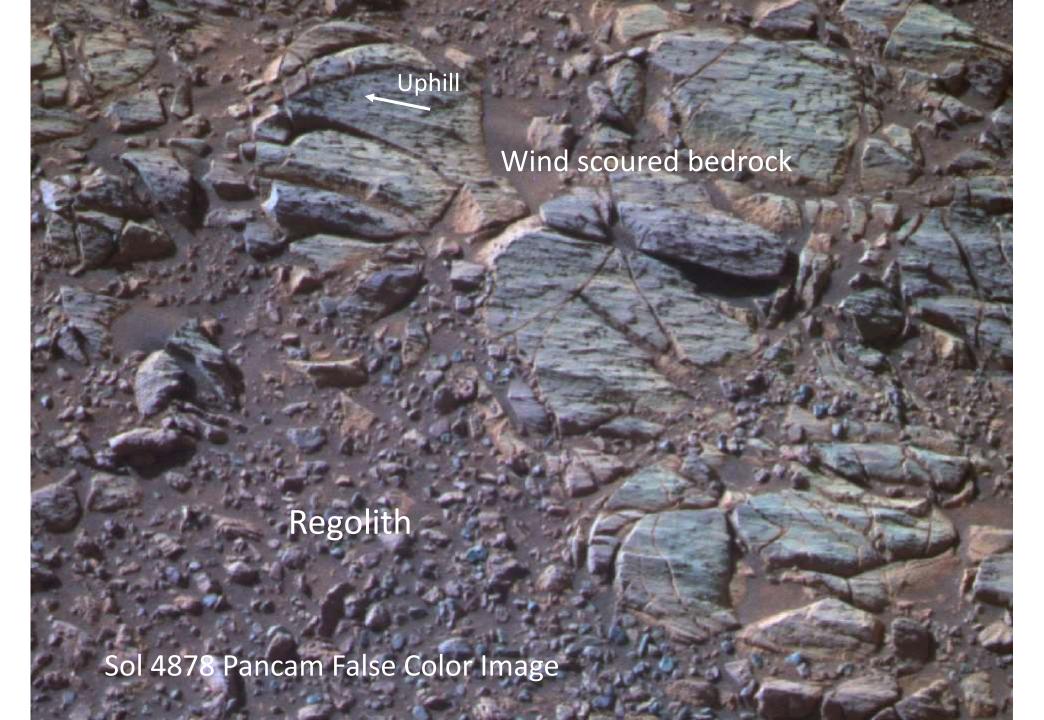
Pancam Color "Sprained Ankle" Mosaic

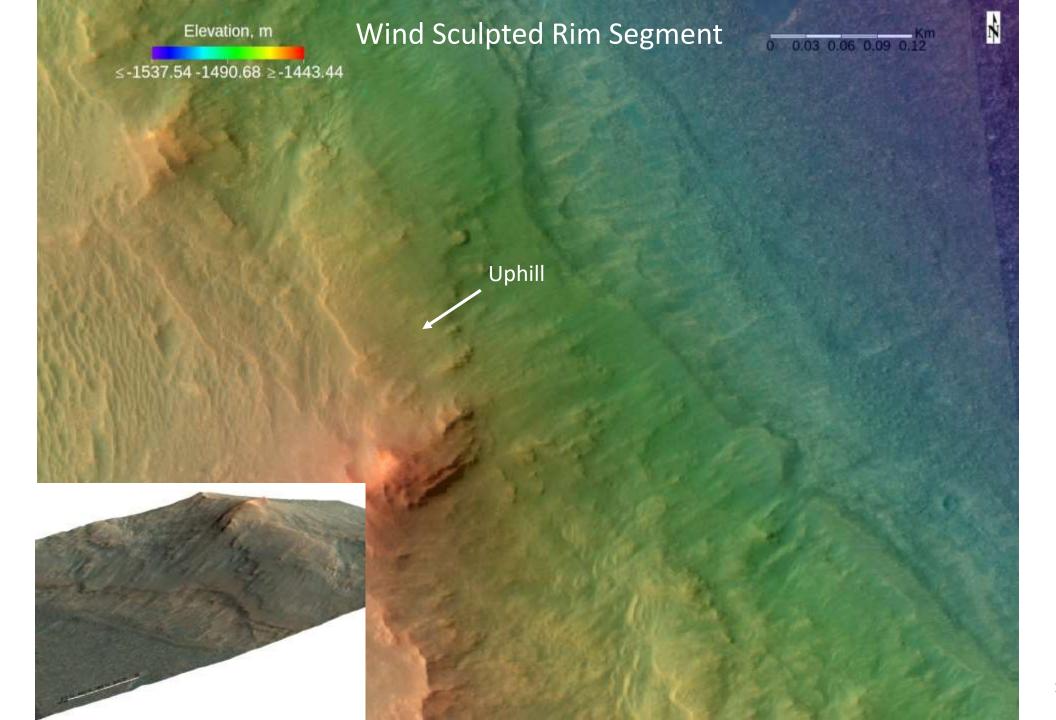












Prince Christian Sound Southern Greenland September 2017



Perseverance Valley

- Field work underway, much remains to be done as rover power increases after 10/31/17 winter minimum
- Channels extend to west and east of rim, no western catchment
- Unique topographic and morphologic settings
- Wind has shaped PV outcrops at cm to 10's cm scales
- Considerable diffusive smoothing and regolith deposits
- Speculating: Previous climate snowpack accumulation, some melting with fluvial and debris flow activity, drying out, letting diffusive smoothing and wind action dominate
- But, let us finish the field work and analyze all the data before we come to final conclusions