Meridiani Planum Landing Sites

- Burns Formation Sulfates
- Dirty Evaporites
- Acidic Aqueous Environment
- Older Noachian Phyllosilicates
- Neutral pH Alteration
- Sample both Aqueous Environments on Mars
- SAFE

M. Golombek JPL/Caltech
Overgaard

Cuspate Cross Beds
Surface Flow

Jarosite – Highly Acidic
Fenway Panorama

Weak Sulfates
Saltating Sand
High Erosion Rates
Opportunity’s Traverse
Endeavour Rim

Matijevic Panorama

Breccias

Copper Cliff (breccias)

Matijevic formation with dark veneers
CRISM
Fe/Mg & Al Phyllosilicates Detected in polygonally fractured outcrop
Safe

Smooth, Flat Plain

Backshell
450 m Away; 1 m High
Dust and Rock Free